

CALIFORNIA INSTITUTE OF TECHNOLOGY

EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG MOTION EARTHQUAKE ACCELEROGRAMS DIGITIZED AND PLOTTED DATA

VOLUME II - CORRECTED ACCELEROGRAMS AND INTEGRATED
GROUND VELOCITY AND DISPLACEMENT CURVES

PART C - ACCELEROGRAMS IIC041 THROUGH IIC055

EERL 72-51

A REPORT ON RESEARCH CONDUCTED UNDER A
GRANT FROM THE NATIONAL SCIENCE FOUNDATION

PASADENA, CALIFORNIA

FEBRUARY, 1973

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DIGITIZED AND PLOTTED DATA

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Ground Velocity and Displacement Curves
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ABSTRACT

The first set of twenty corrected earthquake accelerograms was published in September 1971, as Volume II, Part A, Report EERL 71-50, the first report of the Volume II series. That issue also contained introductory material and background information describing the types of corrections used. The corresponding uncorrected data appeared earlier in Volume I, Part A, Report EERL 70-20. Both of these reports, containing references related to the records themselves and the various procedures, should be referred to by all users of the data. This issue, Volume II, Part C, Report EERL 72-51, is the first report containing the accelerograms obtained during the San Fernando Earthquake of February 9, 1971 and includes 42 seconds of the Pacoima Dam record, six sections containing aftershocks recorded during the subsequent six-minute operation, and records from the Holiday Inn at 8244 Orion Boulevard, the Kajima Building at 250 East 1st Street and the Union Bank at 445 Figueroa Street. The uncorrected versions of the accelerograms in this issue appeared earlier in Volume I, Part C, Report EERL 71-20.

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PREFACE TO VOLUME II, PART C

Part A of Volume II, Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves, Report EERL 71-50, was published in September 1971, and contained in a general introduction to the series detailed information on the methods and procedures used which should be consulted by all users of the data. Part B of Volume II, Report EERL 72-50, which appeared in February, 1973, contained additional references to papers discussing various details of the processing and computing problems.

The present Part C, Report EERL 72-51, begins the presentation of corrected data for the unusually important series of accelerograms obtained during the San Fernando, California, Earthquake of February 9, 1971. The particular records given correspond to the uncorrected accelerograms of Volume I, Part C, Report EERL 71-20, which should be consulted for details concerning the earthquake and the original accelerograms.

The format of presentation of the results at the end of this second stage of data processing is the same as in Volume II, Part A. The plots of acceleration, velocity and displacement appear first, with details of the earthquake, the recording site and the peak values in the headings.

A thorough description of the naming of component directions for the records was given in Volume II, Part B, Report EERL 72-50. Consistent with this, the component direction, where it appears in this report, refers to the direction of the transducer pendulum motion for trace "up" on the record when viewed in the normal way with time increasing from left to right. During earthquake acceleration measurements the pendulum responds

dynamically to an "inertia force" whose direction is opposite to that of the acceleration of the instrument base and it follows that the true ground acceleration will be opposite to the pendulum motion defined above. Consequently, in the following plots the y-axis scale is inverted so as to retain both the familiar pattern of the accelerograms and the listed component direction. The printout of the corrected accelerograms appears next, in units of mm/sec/sec, at equal time intervals of 0.02 seconds. Identification labels, instrument characteristics, peak values and initial values are in the headings for each component.

It is apparent in the displacement plots of the Pacoima Dam after-shocks that some long period noise is still present in the published data. There are no components remaining with periods longer than the cut-off period of 16 seconds, but it is evident that for some records this cut-off period, taken as standard for all records, is in fact too long. The cause for this lies in the very low amplitude of acceleration for much of the duration of the aftershock records and the consequent lowering of the signal to noise ratio. This noise arises primarily from random digitization noise, and is independent of the acceleration amplitudes. With this in mind, the displacement plots indicate that a cut-off period lower than 16 seconds should be used to remove these components from the acceleration data. This effect has also occurred in previous reports IIA and IIB where in a few cases the acceleration amplitudes have been extremely small and the displacements indicate spurious long period components. It is clear, of course, that in a routine processing of accelerograms such as those mentioned above, it is not practical to examine each earthquake accelerogram

in a detail that would permit selection of the cut-off period optimal for that particular record. This work which is beyond the scope of this volume is left to be completed by an investigator whose specific research requirements will determine the precise nature of filtering best suited to his needs.

We are much indebted to the staffs of the Earthquake Engineering Research Laboratory, the Willis H. Booth Computing Center, and Graphic Arts Facilities for their continued careful attention to detail at all stages of the project. Major support from the National Science Foundation has made the whole program possible, and continued contributions from the Earthquake Research Affiliates program of the California Institute of Technology are appreciated.

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D. E. Hudson
Earthquake Engineering Research Laboratory
California Institute of Technology

INSTRUMENT CHARACTERISTICS FOR SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST

Series Ref. No.	Caltech Log No.	Instr. Serial No.	Location	Component* Direction	Period T ₀ (sec)	Sens.* (cm/g)	Damp* ratio, ϵ	Damp* %/crit.
IIC041	71.001.0	179	Pacoima Dam, Calif.	S74W S16E Down	.053 .051 .052	7.55 7.60 7.62	8.8 7.7 9.8	56.8 54.4 58.8
IIC042	71.001.1	Aftershock at + 52.6 sec	"					
IIC043	71.001.2		"					
IIC044	71.001.3		"					
IIC045	71.001.4		"					
IIC046	71.001.5		"					
IIC047	71.001.6		"					
IIC048	71.008	190	8244 Orion Blvd. L. A. Calif. 1st Floor	North West Down	.054 .053 .053	7.6* 7.6* 7.6*	9.3 9.7 9.7	57.8 58.5 58.6
IIC049	71.002	210	8244 Orion Blvd. L. A. Calif. 4th Floor	North West Down	.055 .053 .053	7.6* 7.6* 7.6*	10.1 7.6 9.1	59.2 54.3 57.5
IIC050	71.014	199	8244 Orion Blvd. L. A. Calif. 8th Floor	North West Down	.053 .053 .053	7.6* 7.6* 7.6*	10.2 10.3 11.9	59.4 59.5 61.8
IIC051	71.005	287	250 E. First St. L. A. Calif. Basement	N36E N54W Down	.049 .048 .047	7.6* 7.6* 7.6*	10.3 8.4 9.6	59.5 56.0 58.3
IIC052	71.011	294	250 E. First St. L. A. Calif. 8th Floor	N36E N54W Down	.046 .047 .046	7.6* 7.6* 7.6*	8.6 9.7 8.8	56.5 58.6 56.8

* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS FOR SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST (continued)

Series Ref. No.	Caltech Log No.	Instr. Serial No.	Location	Component*		Sens.* (cm/g)	Damp* ratio, ϵ	Damp* % crit.
				Direction	Period T_0 , (sec)			
IIC053	71.016	295	250 E. First St.	N36E	.047	7.6*	8.1	55.4
			L. A. Calif.	N54W	.046	7.6*	8.7	56.6
			17th Floor	Down	.047	7.6*	9.8	58.7
IIC054	71.060	208	445 Figueroa St.	N52W	.057	7.6*	12.9	63.1
			L. A. Calif.	S38W	.057	7.6*	8.9	57.1
			Sub-basement	Down	.054	7.6*	9.1	57.5
IIC055	71.091	231	445 Figueroa St.	N52W	.057	7.6*	10.2	59.5
			L. A. Calif.	S38W	.058	7.6*	11.2	60.9
			19th Floor	Down	.056	7.6*	10.5	59.9

-5-

$$^* \text{Static Magnification, } V_s = \omega_s^2 \cdot \text{Sensitivity} = \left(\frac{2\pi}{T_0(\text{sec})} \right)^2 \cdot \frac{\text{Sensitivity (cm/g)}}{980 (\text{cm/sec}^2/\text{g})}$$

Asterisked sensitivities are nominal values.

Damping ratio, $\epsilon = \exp \left[\pi n / \sqrt{(1-n^2)} \right]$ where n is the fraction of critical damping.

Periods and damping values have been obtained by direct measurement of the calibration test records appearing at the beginning and end of the earthquake records.

The component direction is that of pendulum motion for trace "up", as described in the Preface.

EARTHQUAKE DATA

The San Fernando, California, Earthquake of February 9, 1971,
0600 PST; epicenter, $34^{\circ}24.0'$ N, $118^{\circ}23.7'$ W; maximum intensity, XI;
magnitude, (M_L), 6.6; depth, 13.0 km.

REFERENCES

- (March, 1970). "Simulation Analysis of the Kajima International, Inc. Building Using Recorded Data of the San Fernando Earthquake," (preliminary report), Muto Institute of Structural Mechanics, Inc.
 - (April-May, 1971). "The San Fernando Earthquake 1971," California Geology, v. 24, n. 4-5.
 - "The San Fernando Earthquake of February 9, 1971," National Academy of Sciences, Washington, D. C.
- Division of Geological and Planetary Sciences, California Institute of Technology (April, 1971). "Preliminary Seismological and Geological Studies of the San Fernando, California, Earthquake of February 9, 1971," Bull. Seism. Soc. Am., v. 61, n. 2, 491-495.
- Lord, James (April, 1971). "Post-Earthquake Analysis of a 42-Story Tower," Report No. 71811-5, P-394, Albert C. Martin and Associates, Los Angeles.
- Proctor, R. J., R. Crook, Jr., M. H. McKeown, and R. L. Moresco (June, 1972). "Relation of Known Faults to Surface Ruptures, 1971, San Fernando Earthquake, Southern California," Bull. Geol. Soc. Am., v. 83, 1601-1618.
- Trifunac, M. D. and D. E. Hudson (October, 1971). "Analysis of the Pacoima Dam Accelerogram," Bull. Seism. Soc. Am., v. 61, n. 5, 1393-1411.
- Trifunac, M. D. (June, 1972). "Stress Estimates for the San Fernando, California, Earthquake of February 9, 1971: Main Event and Thirteen Aftershocks," Bull. Seism. Soc. Am., v. 62, n. 3, 721-750.
- U. S. Department of Commerce (March, 1971). "The San Fernando, California Earthquake of February 9, 1971," National Bureau of Standards Report 10556.
- U. S. Geological Survey and the National Oceanic and Atmospheric Administration. "The San Fernando, California, Earthquake of February 9, 1971," (preliminary report), Geological Survey Professional Paper 733.
- Wyss, M. and T. C. Hanks (April, 1972). "The Source Parameters of the San Fernando Earthquake Inferred from Teleseismic Body Waves," Bull. Seism. Soc. Am., v. 62, n. 2, 591-602.

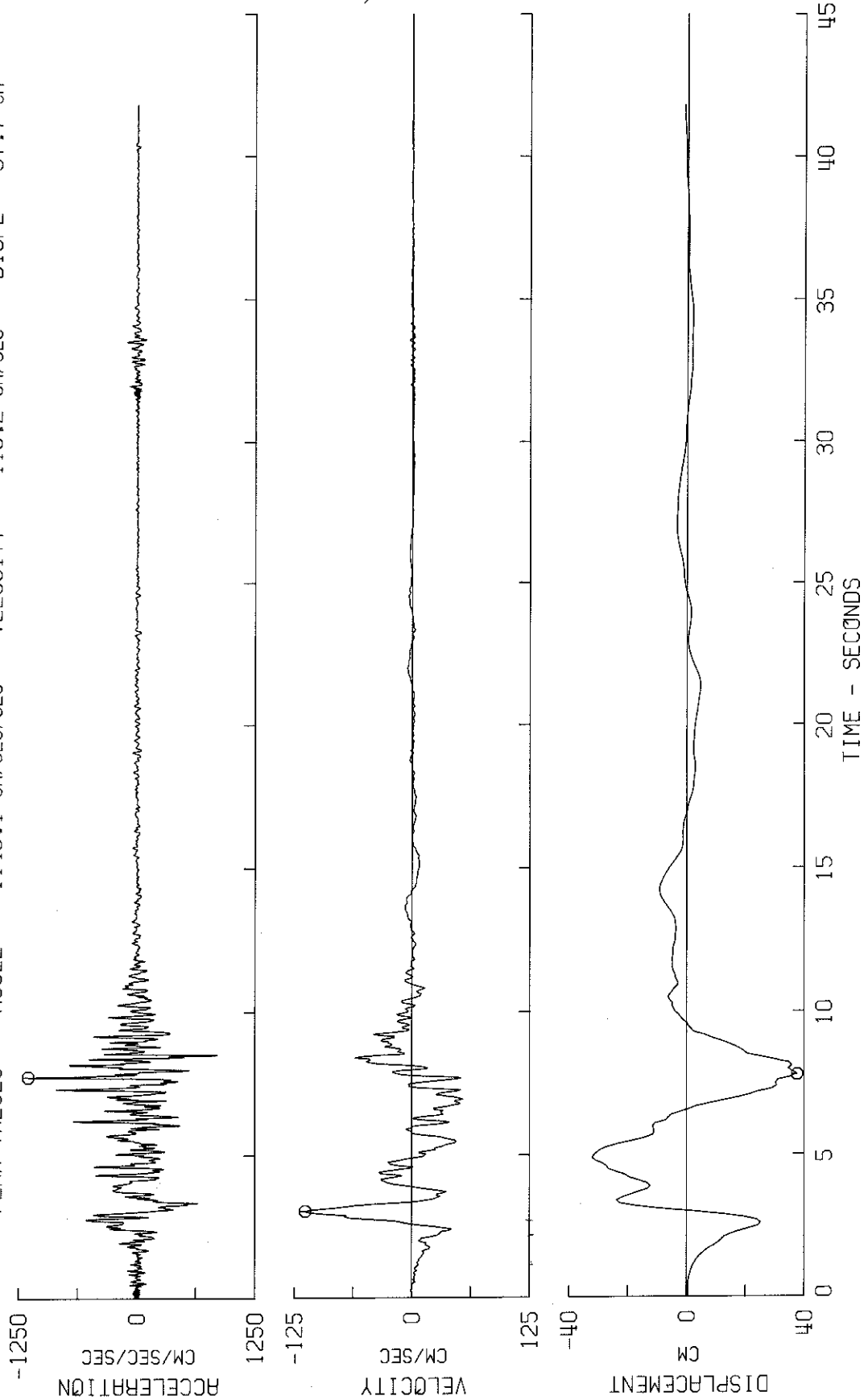
INDEX OF EARTHQUAKE RECORDS IN
VOLUME II, PART C

<u>Record</u>	<u>Plot</u>	<u>Print-Out</u>
San Fernando Earthquake, February 9, 1971 - 0600 PST		
IIC041; Pacoima Dam, California; S16E, S74W, Down	9	54
IIC042; Pacoima Dam, aftershock at 52.6 sec; S74W, S16E, Down	12	63
IIC043; Pacoima Dam, aftershock at 69.6 sec; S74W, S16E, Down	15	66
IIC044; Pacoima Dam, aftershock at 104.6 sec; S74W, S16E, Down	18	72
IIC045; Pacoima Dam, aftershock at 162.0 sec; S74W, S16E, Down	21	78
IIC046; Pacoima Dam, aftershock at 230.1 sec; S74W, S16E, Down	24	81
IIC047; Pacoima Dam, aftershock at 309.1 sec; S74W, S16E, Down	27	87
IIC048; 8244 Orion Blvd., 1st Floor, Los Angeles, Calif.; N, W, Down	30	93
IIC049; 8244 Orion Blvd., 4th Floor, Los Angeles, Calif.; N, W, Down	33	105
IIC050; 8244 Orion Blvd., 8th Floor, Los Angeles, Calif.; N, W, Down	36	120
IIC051; 250 East First Street, Basement, Los Angeles, Calif.; N36E, N54W, Down	39	132
IIC052; 250 East First Street, 8th Floor, Los Angeles, Calif.; N36E, N54W, Down	42	141
IIC053; 250 East First Street, 17th Floor, Los Angeles, Calif.; N36E, N54W, Down	45	150
IIC054; 445 Figueroa Street, Sub-basement, Los Angeles, Calif.; N52W, S38W, Down	48	159
IIC055; 445 Figueroa Street, 19th Floor, Los Angeles Calif.; N52W, S38W, Down	51	171

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

IIC041 71.001.0 PACOIMA DAM, CAL. COMP S16E

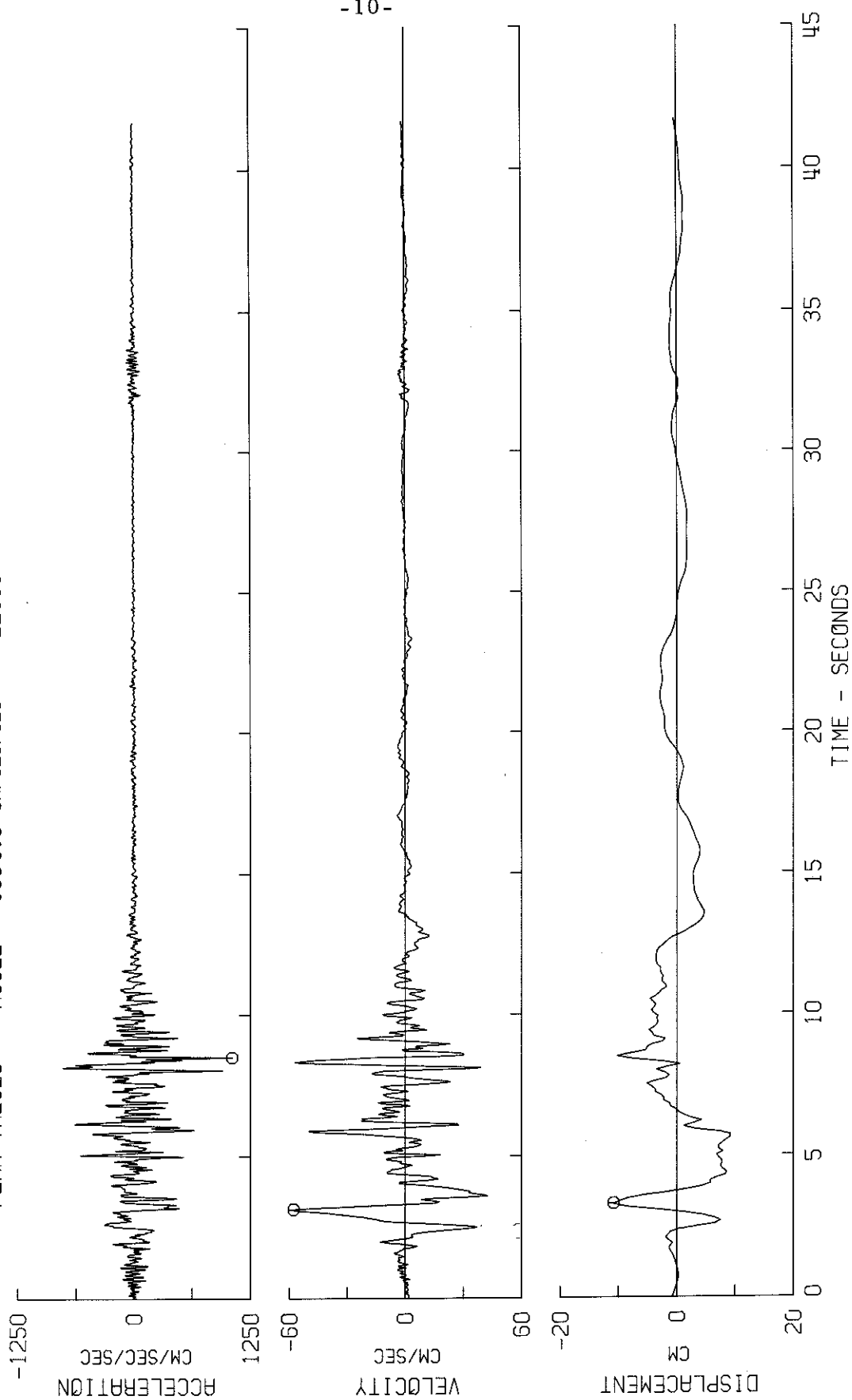
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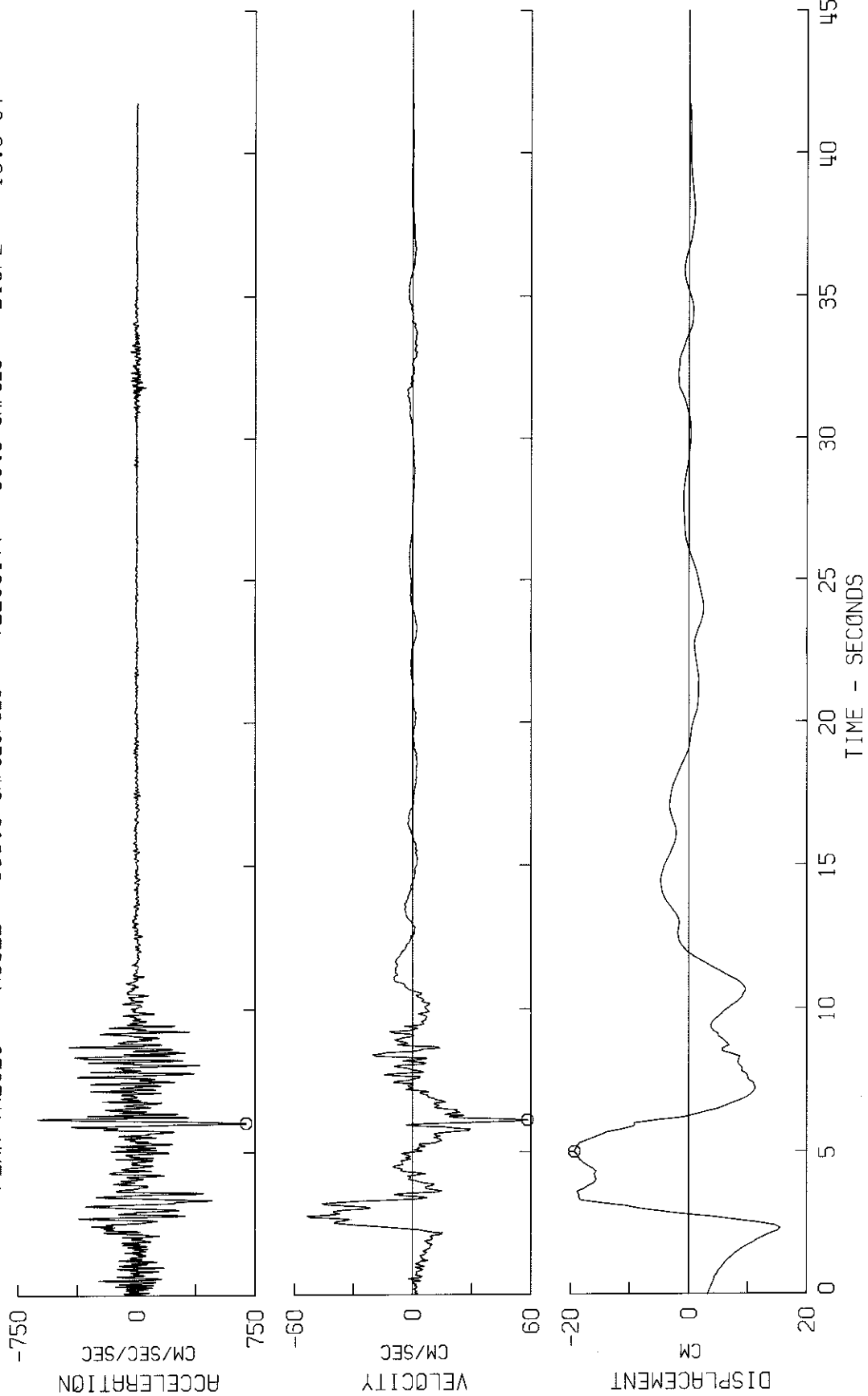
IIC041 71.001.0 PACOIMA DAM, CAL. COMP S74W

⊙ PEAK VALUES : ACCEL = 1054.9 CM/SEC/SEC VELOCITY = -57.7 CM/SEC DISPL = -10.8 CM

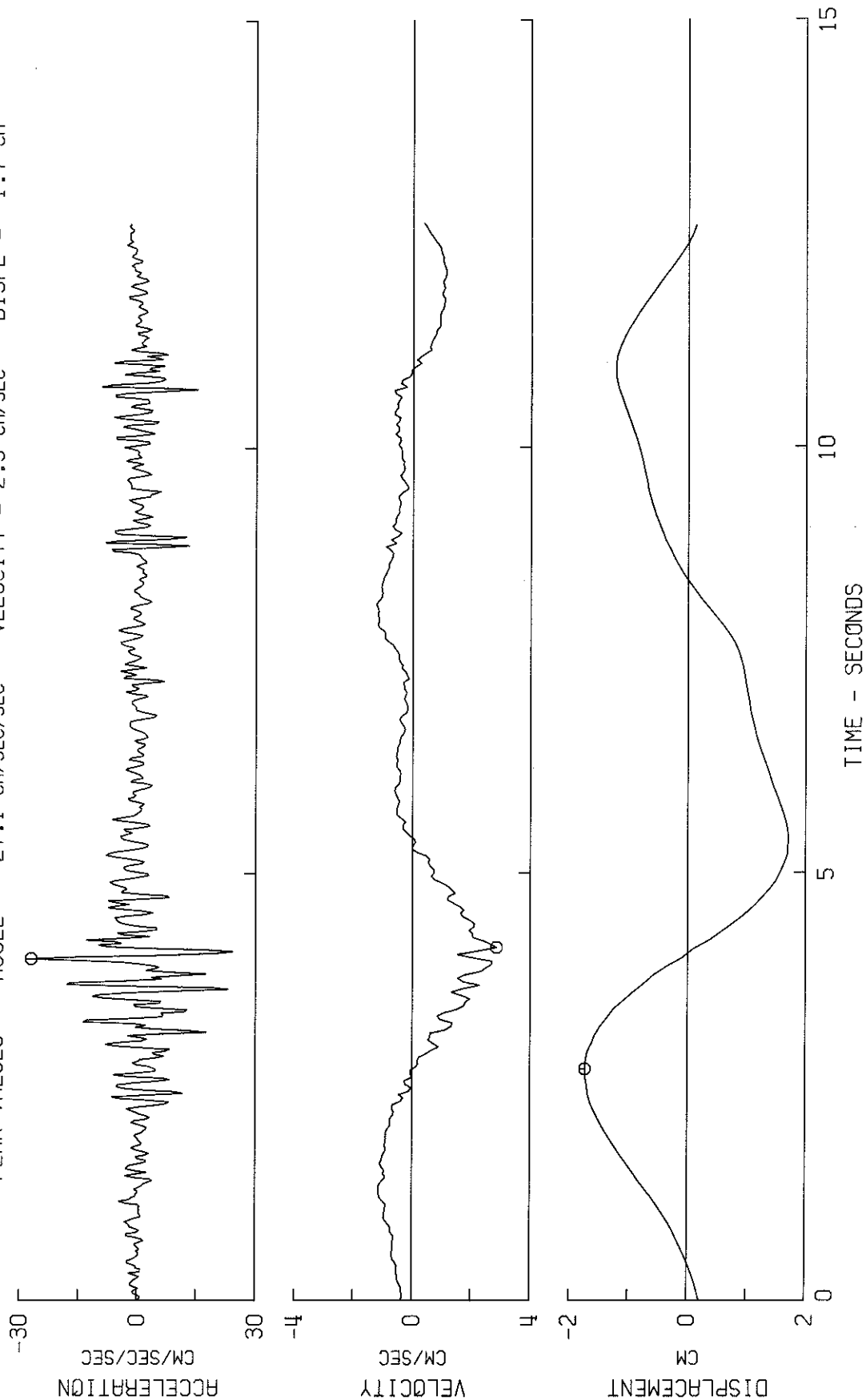


SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC041 71.001.0 PACOIMA DAM, CAL. COMP DOWN

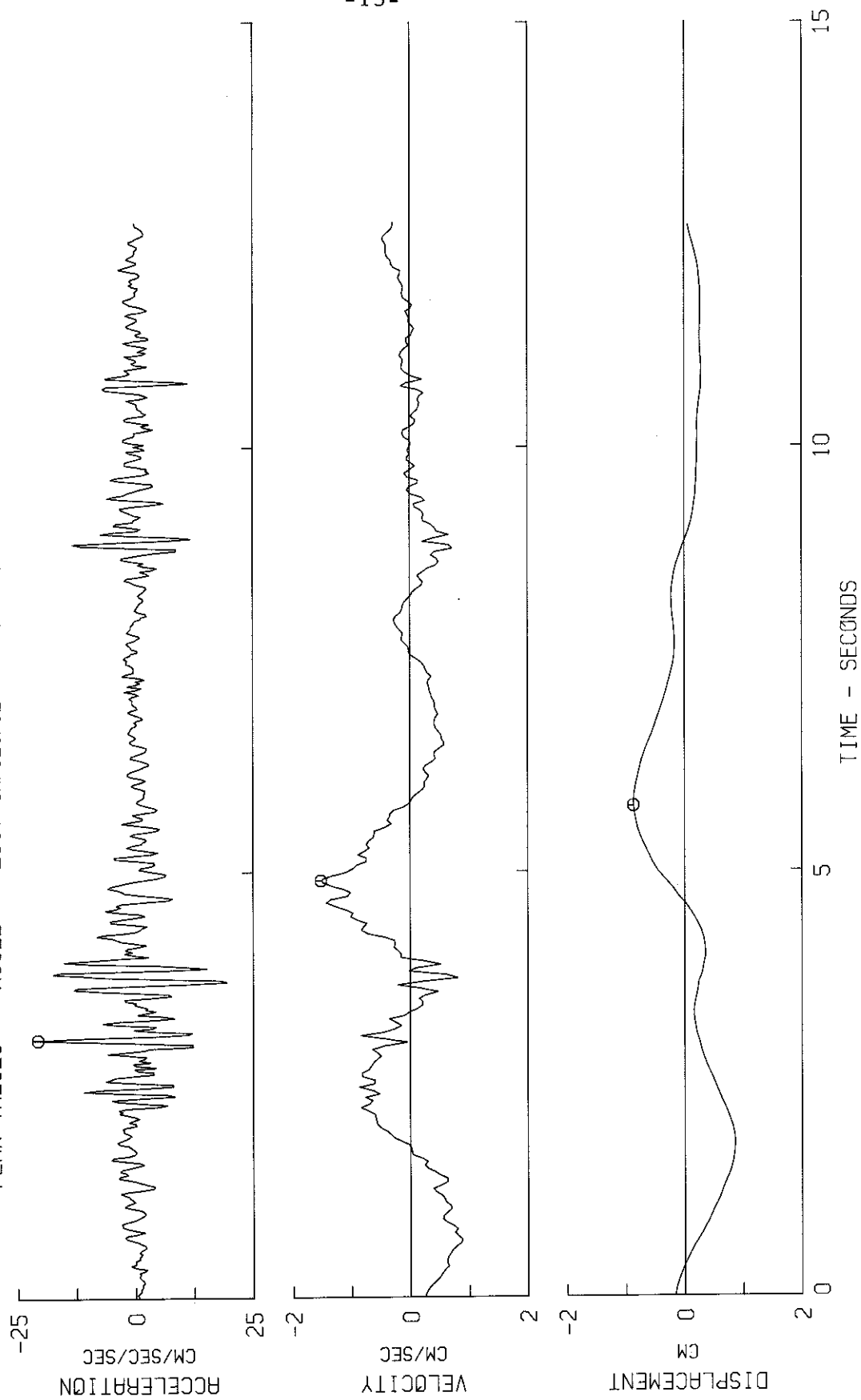
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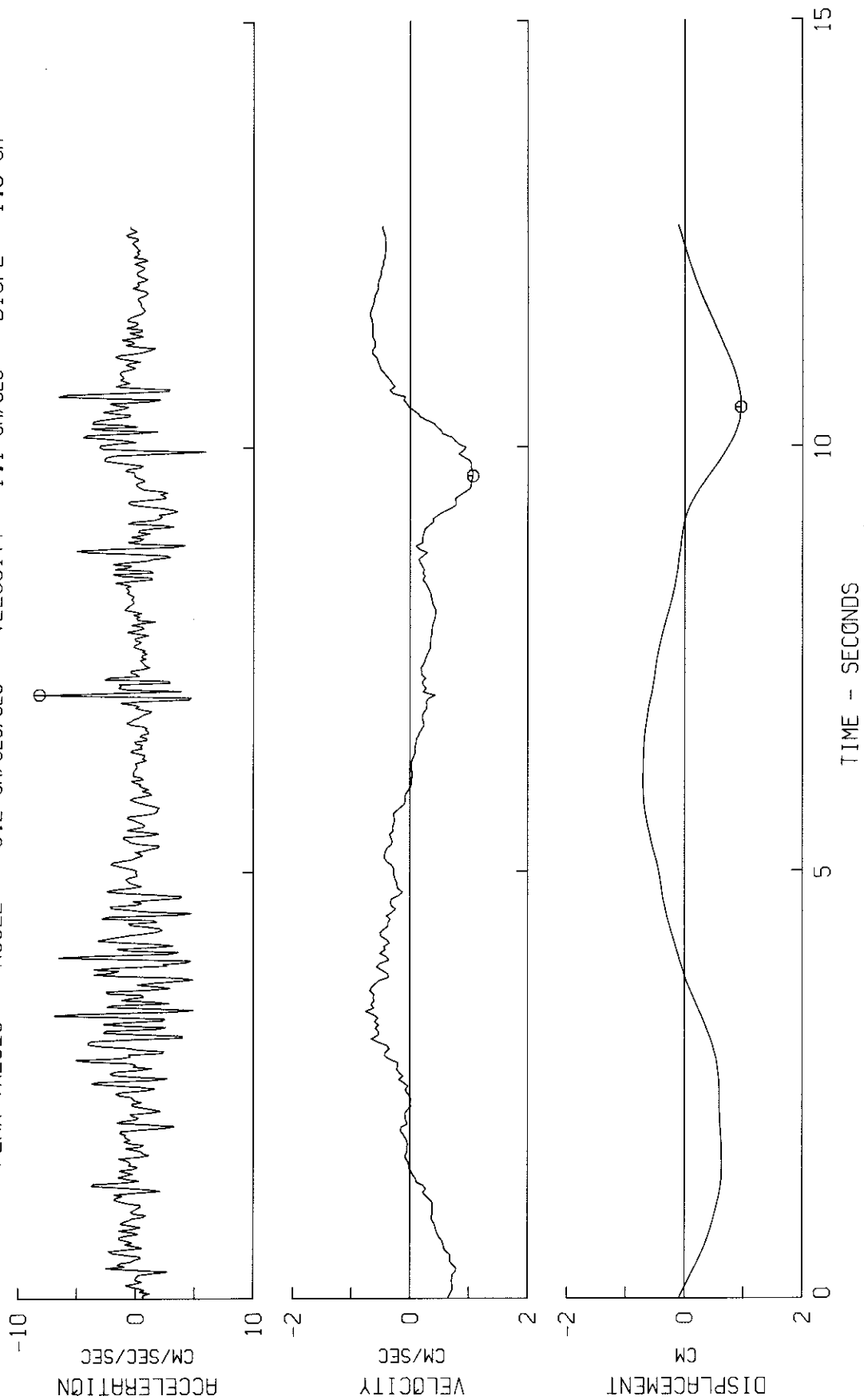
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC042 71.001.1 PACOIMA DAM, CAL. AFTER SHOCK AT +52.6 SEC COMP S74W
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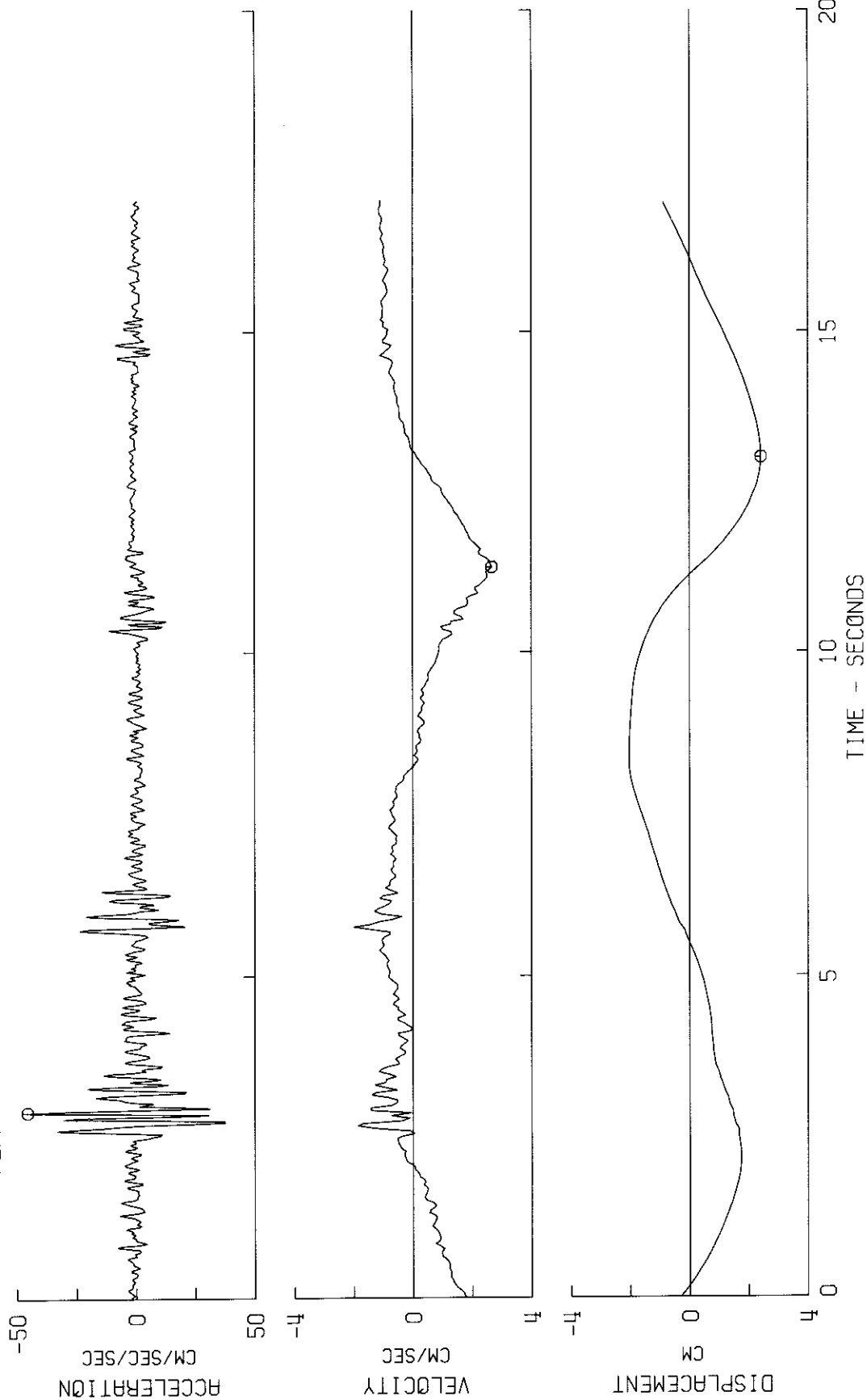
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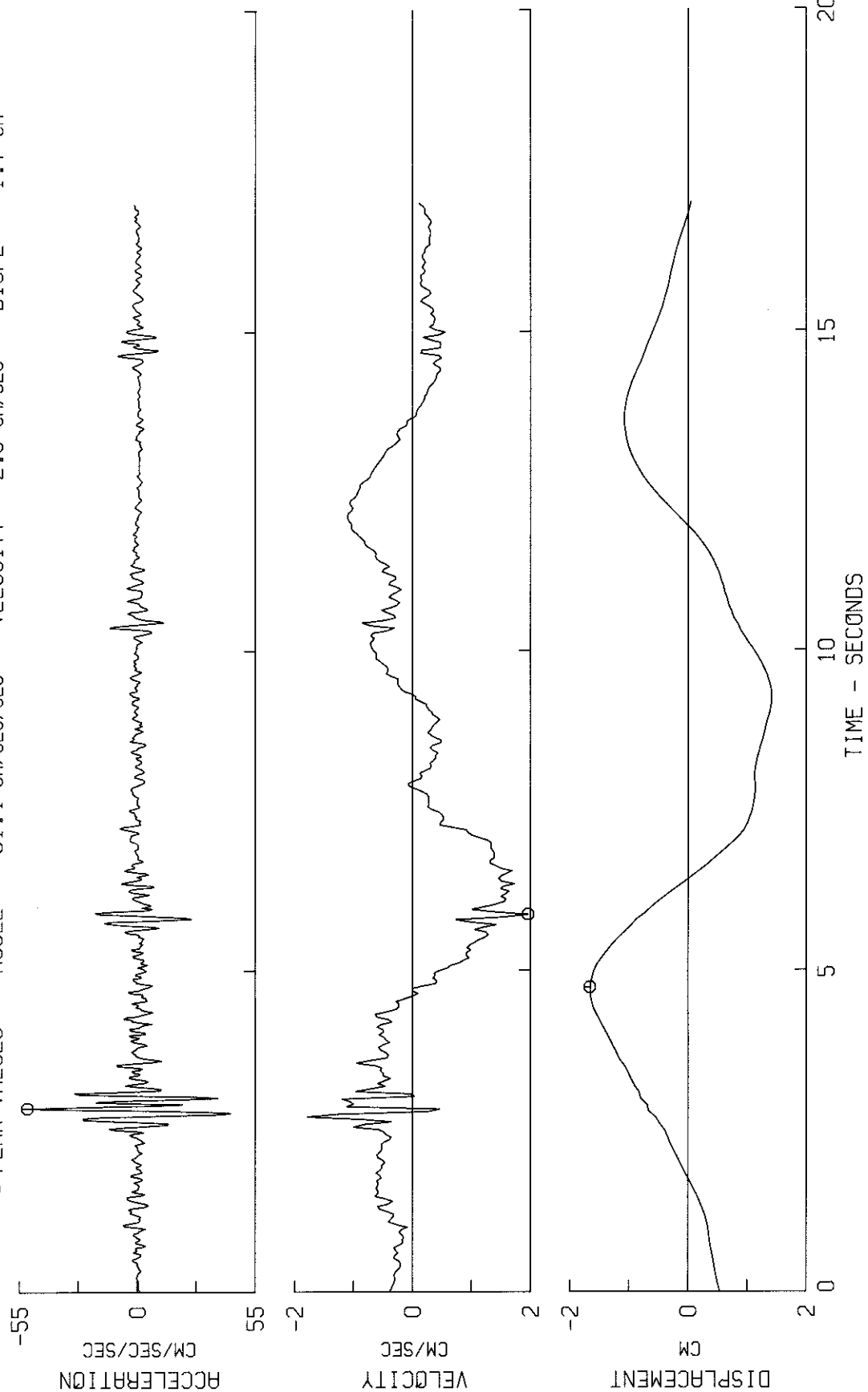
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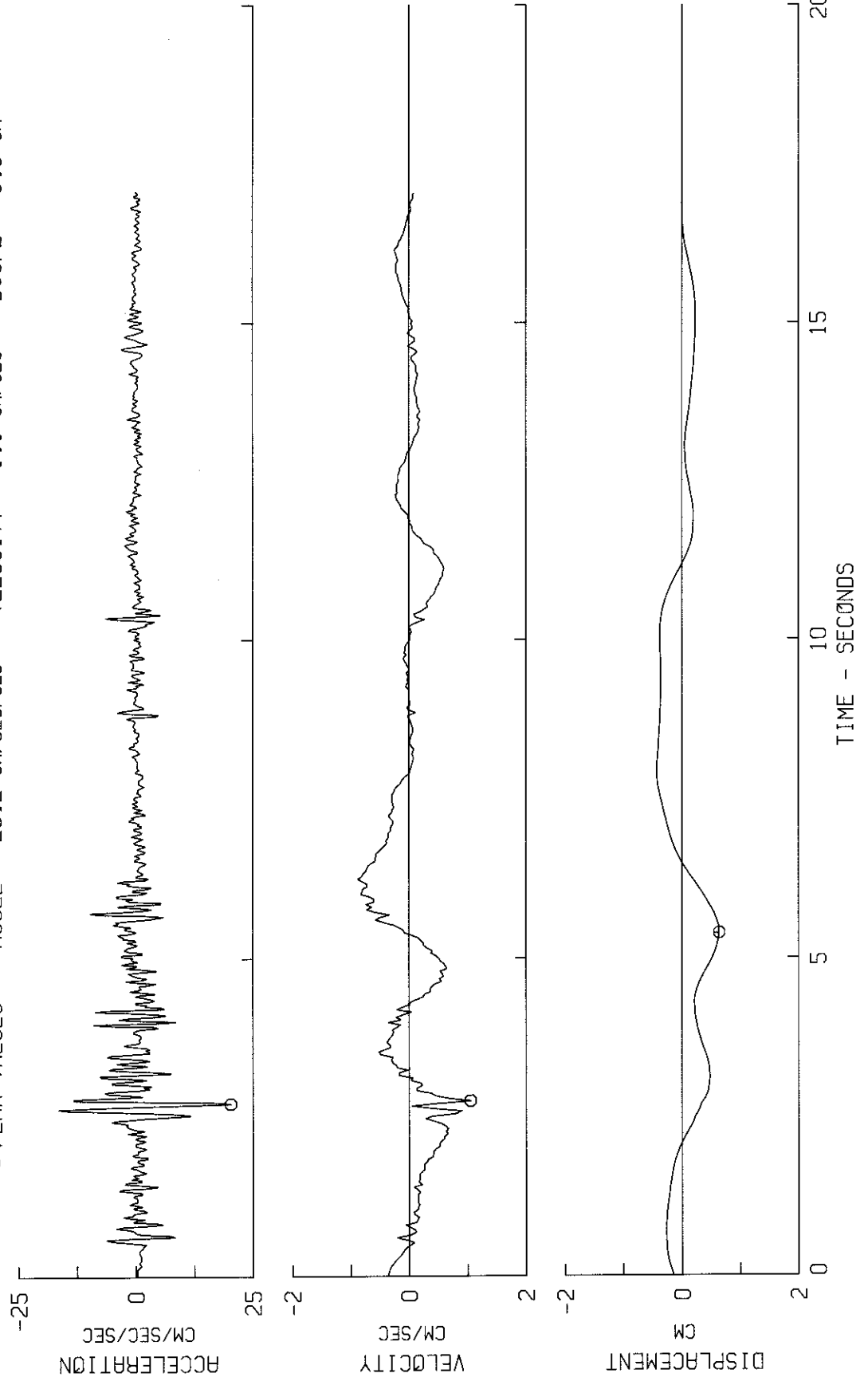
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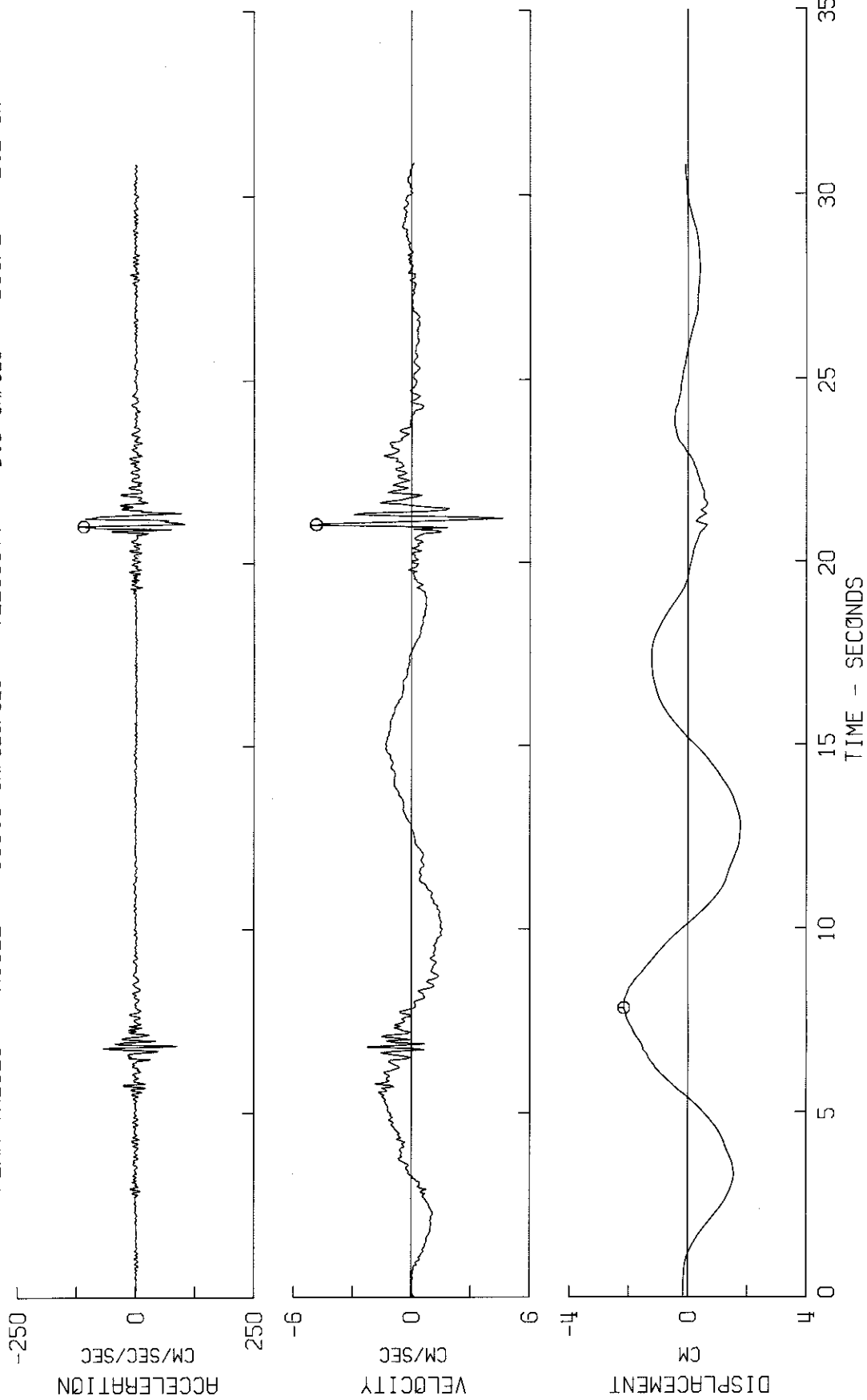
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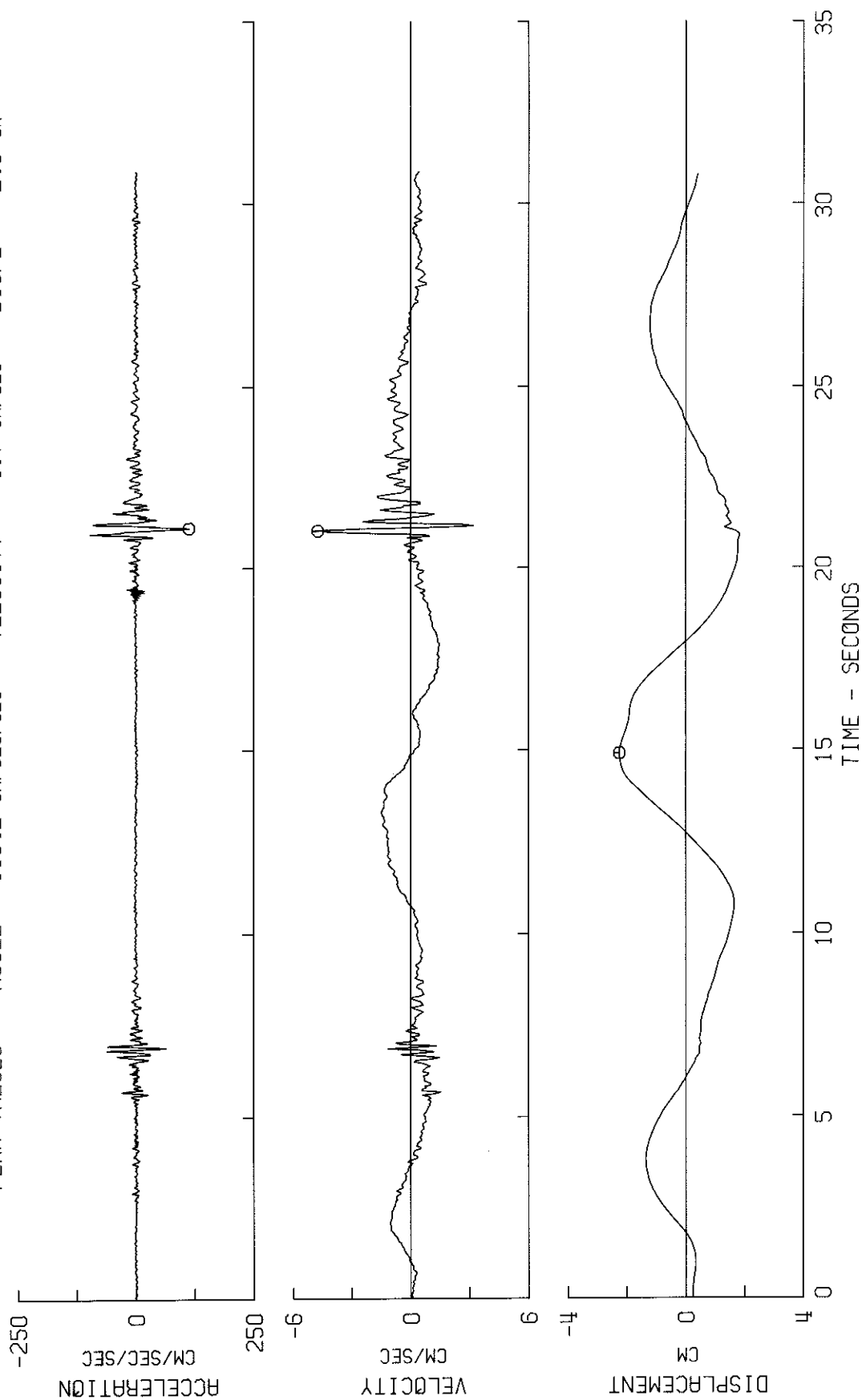
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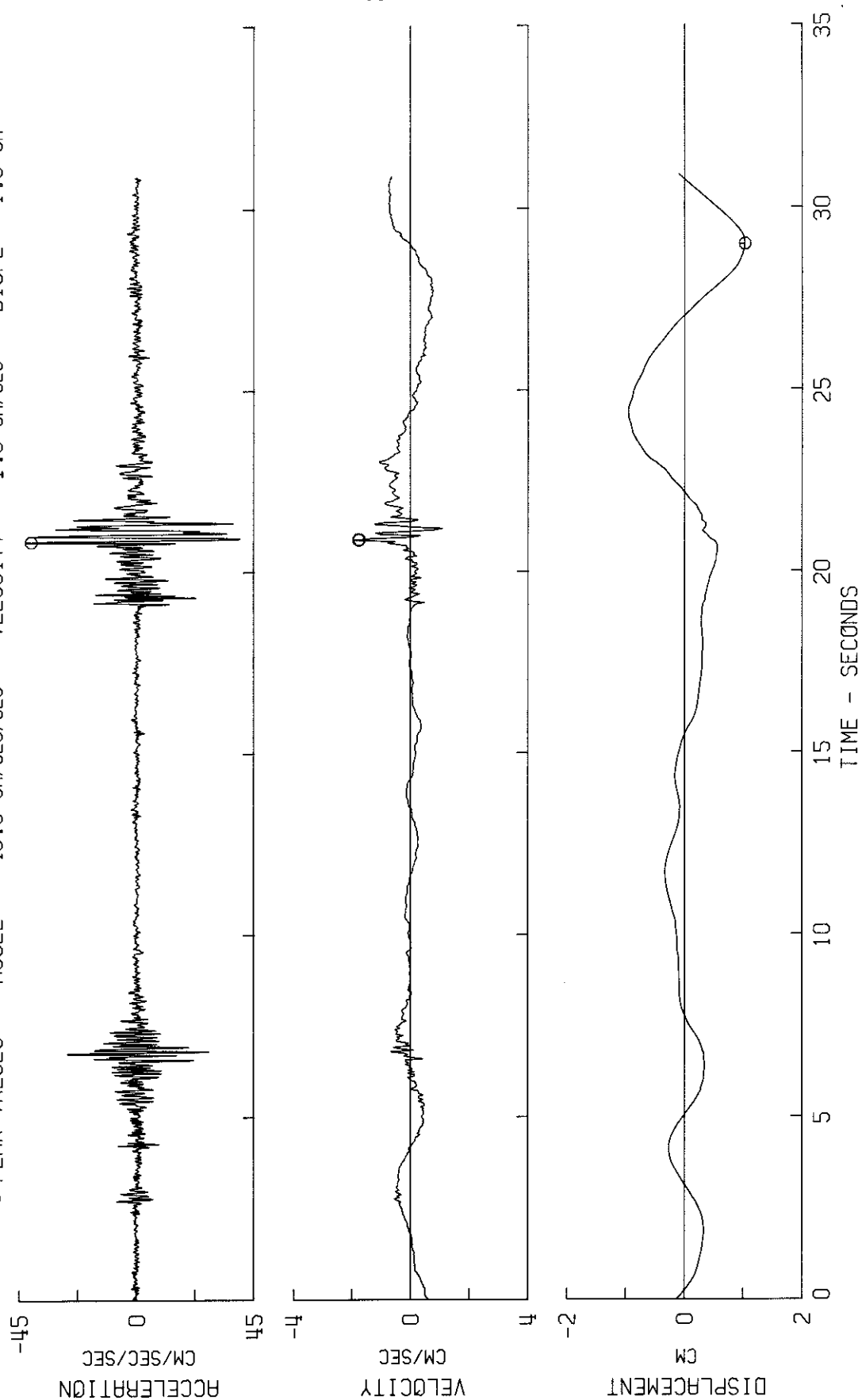
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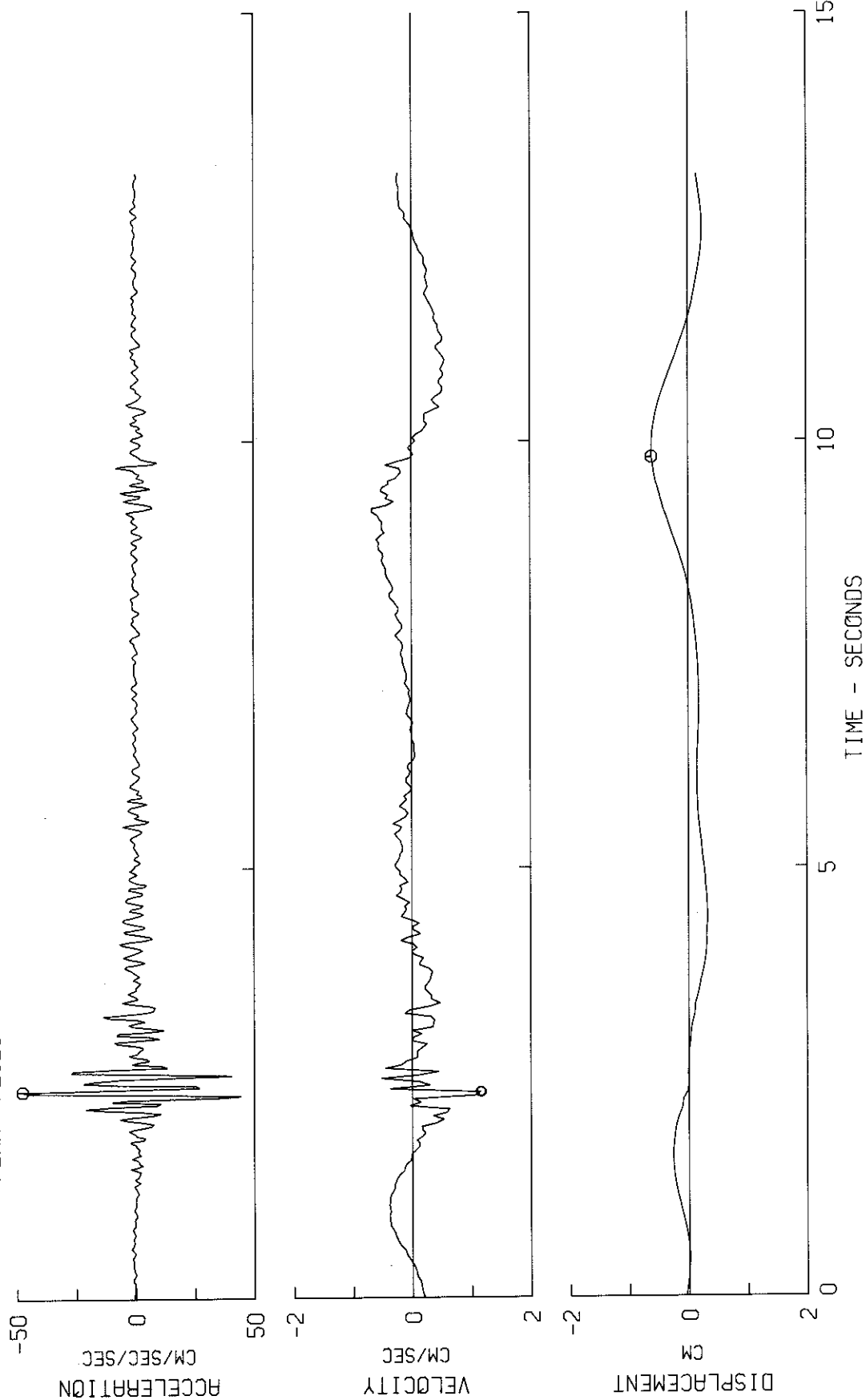
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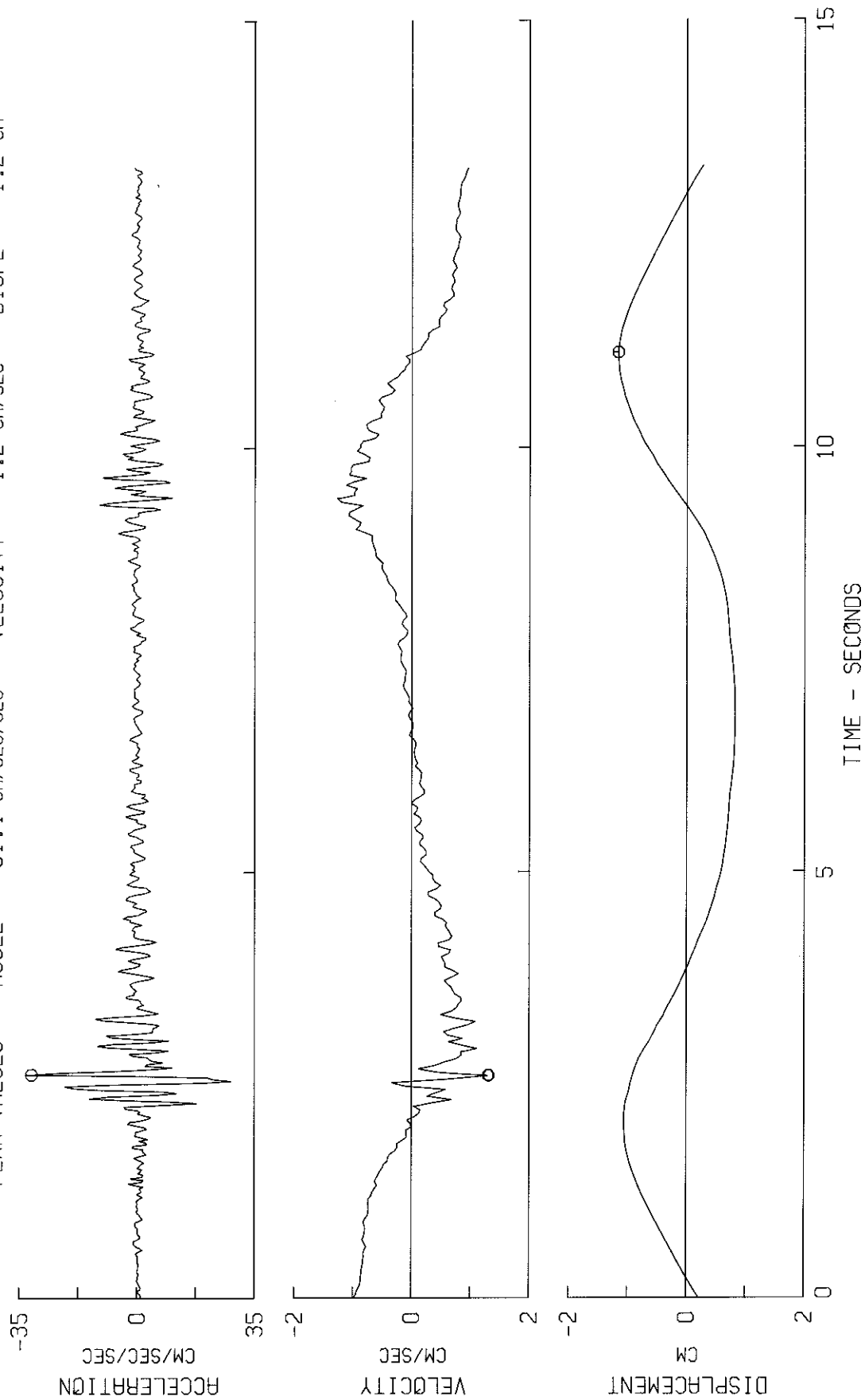
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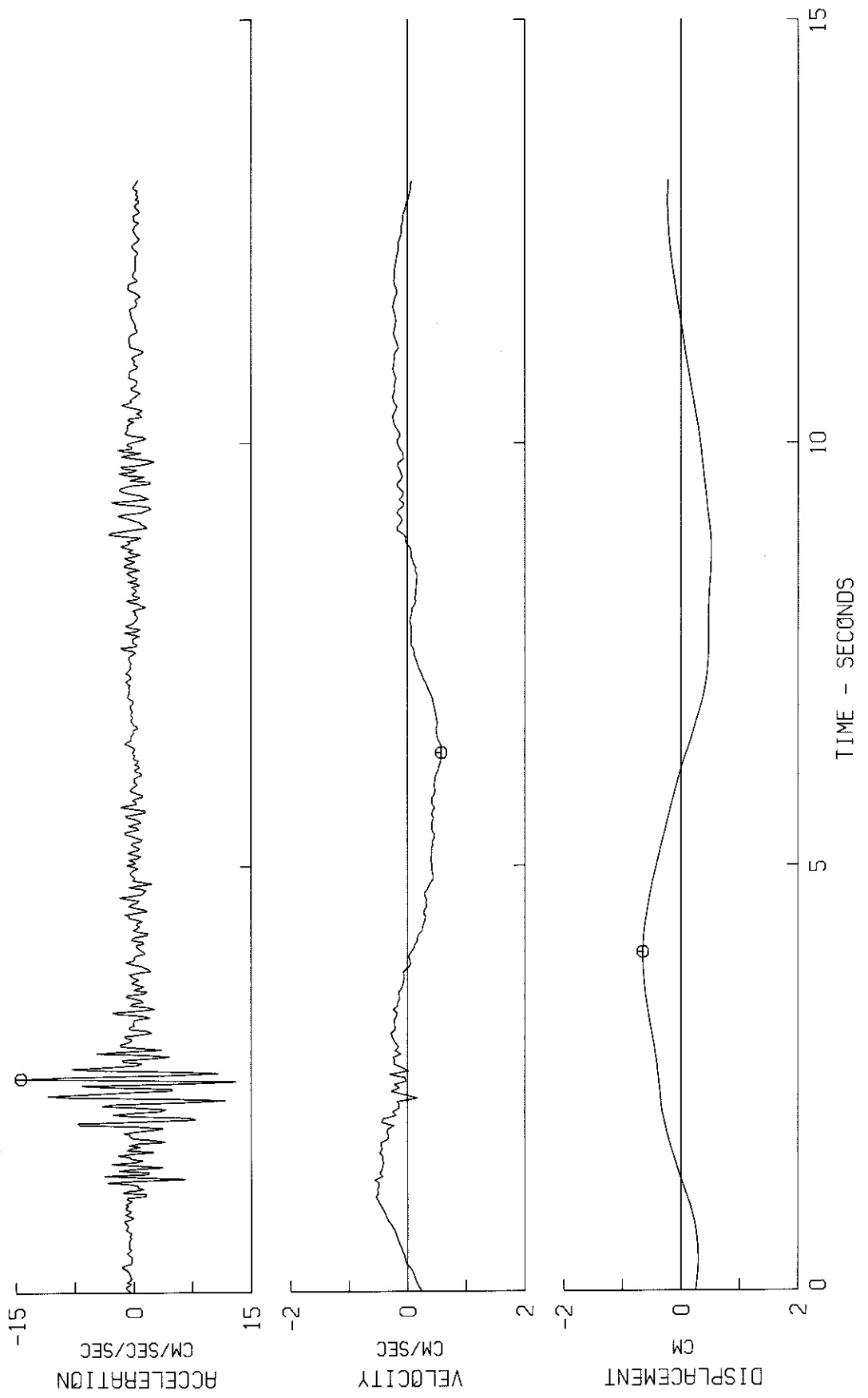
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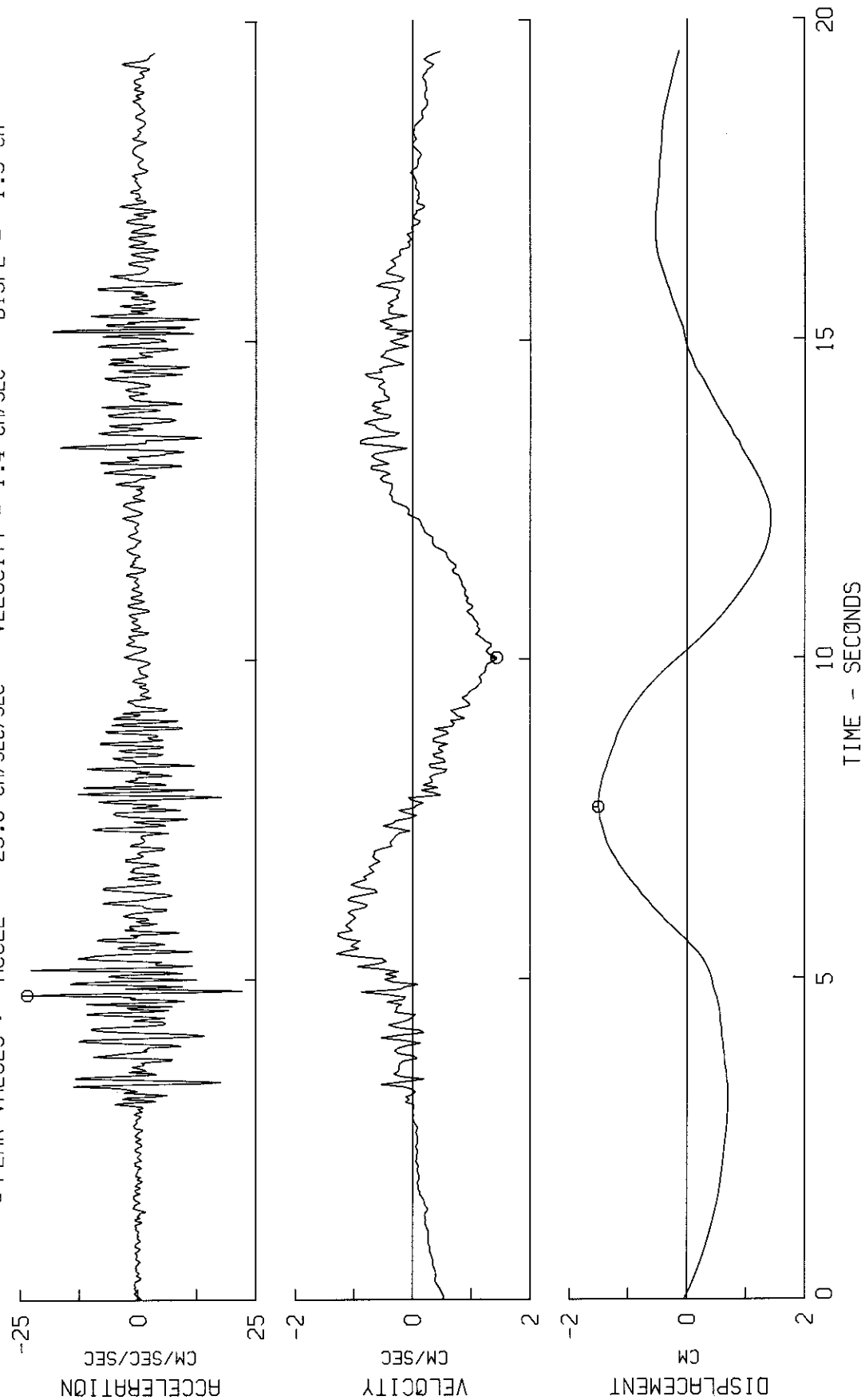
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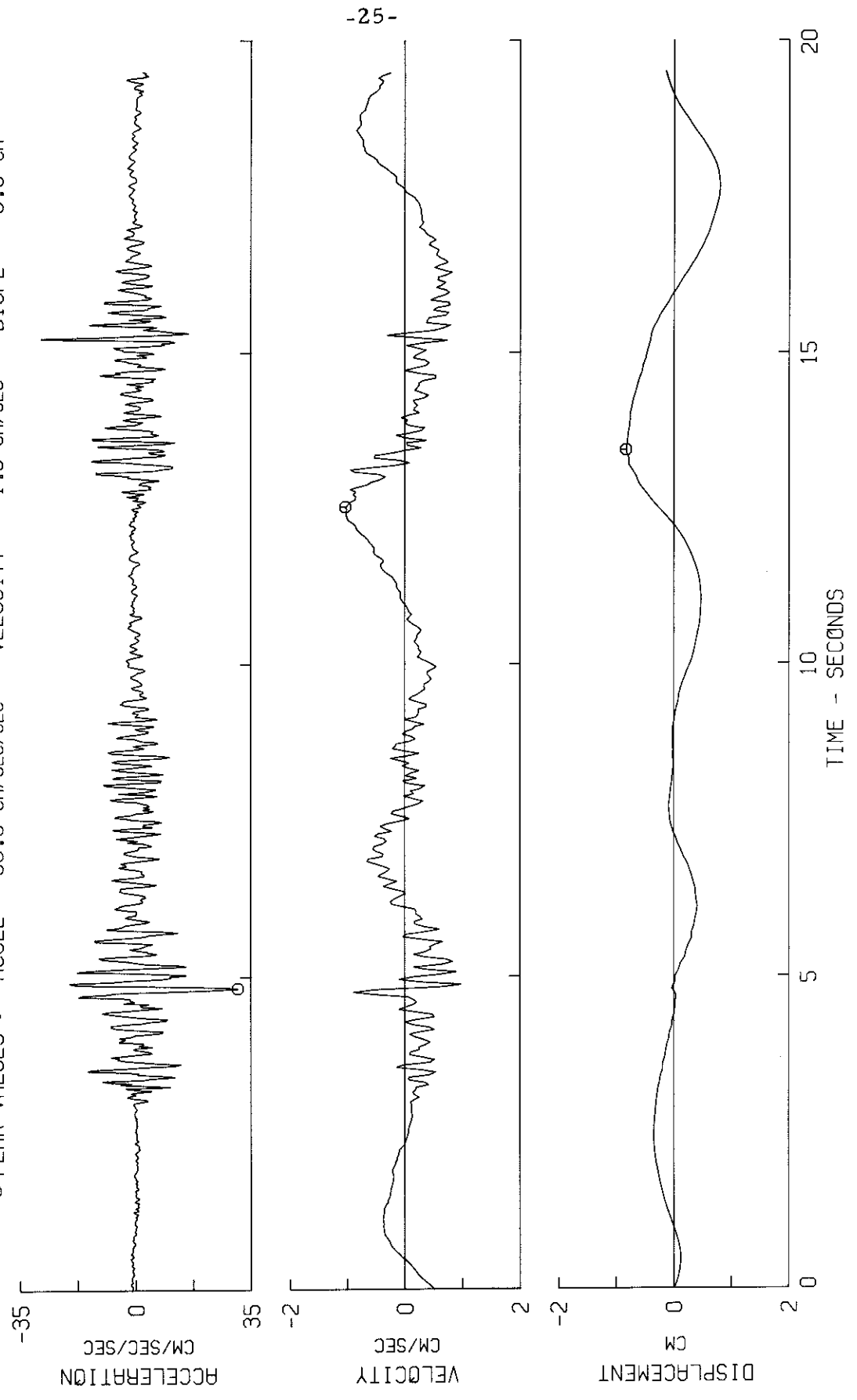
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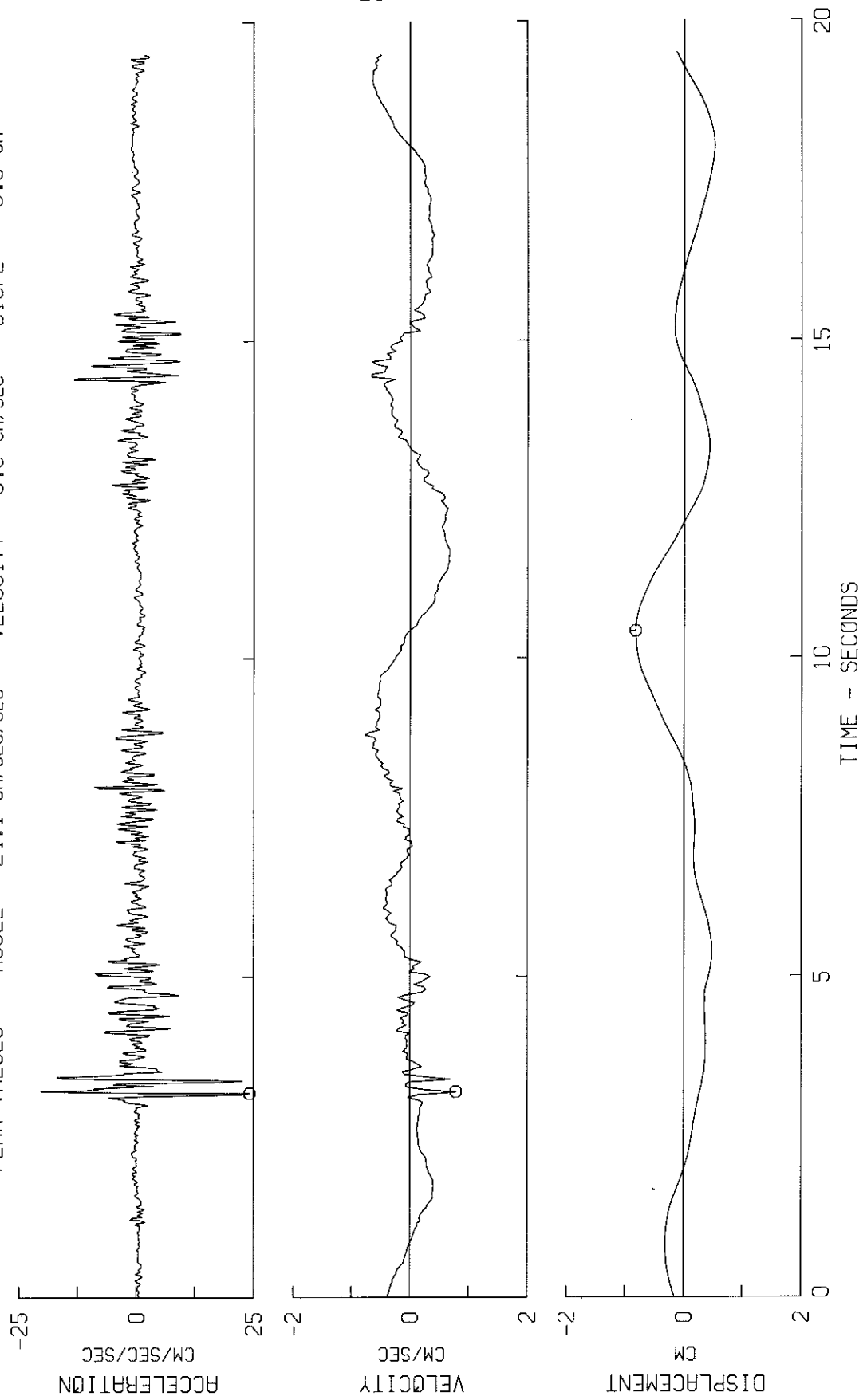
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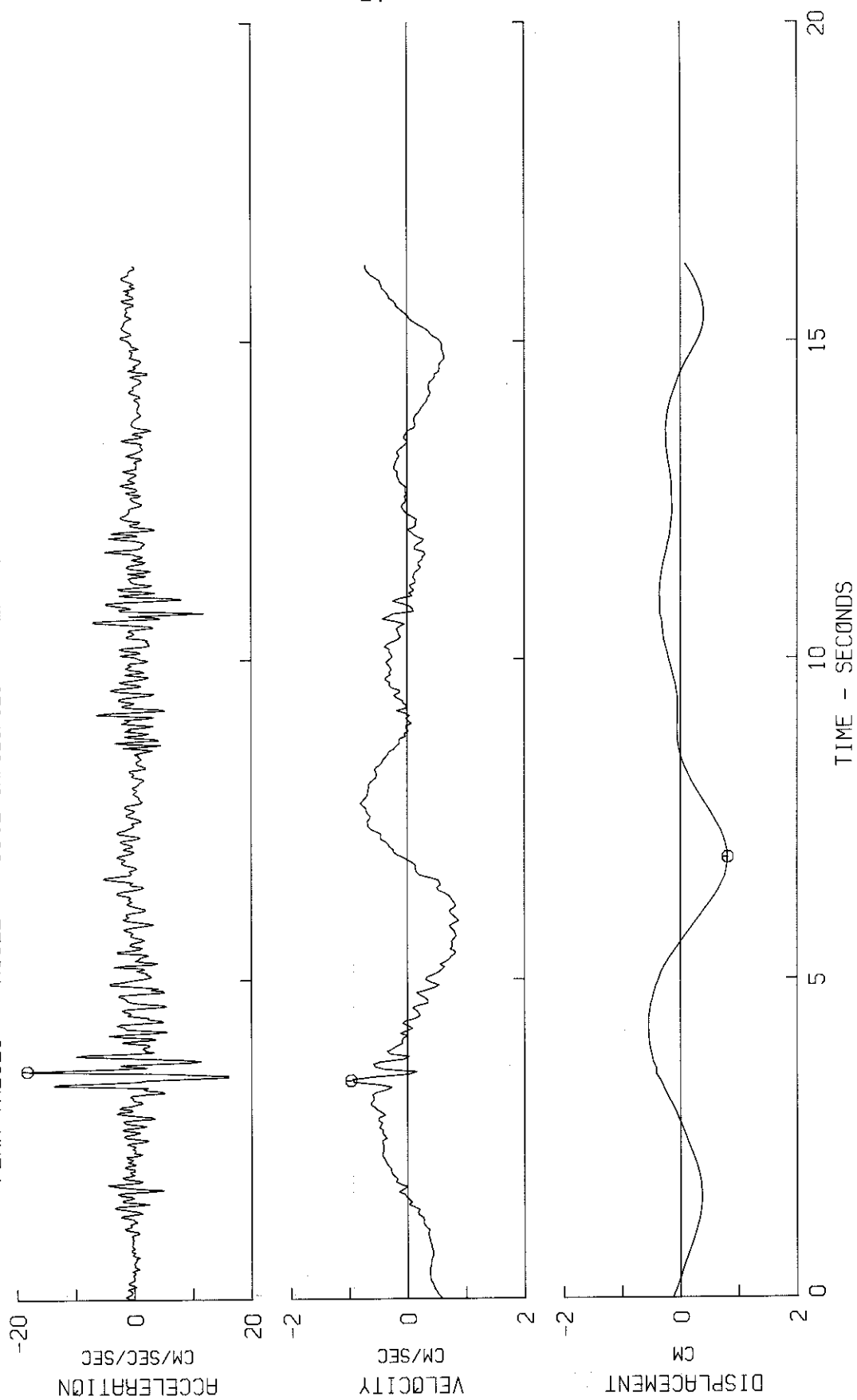
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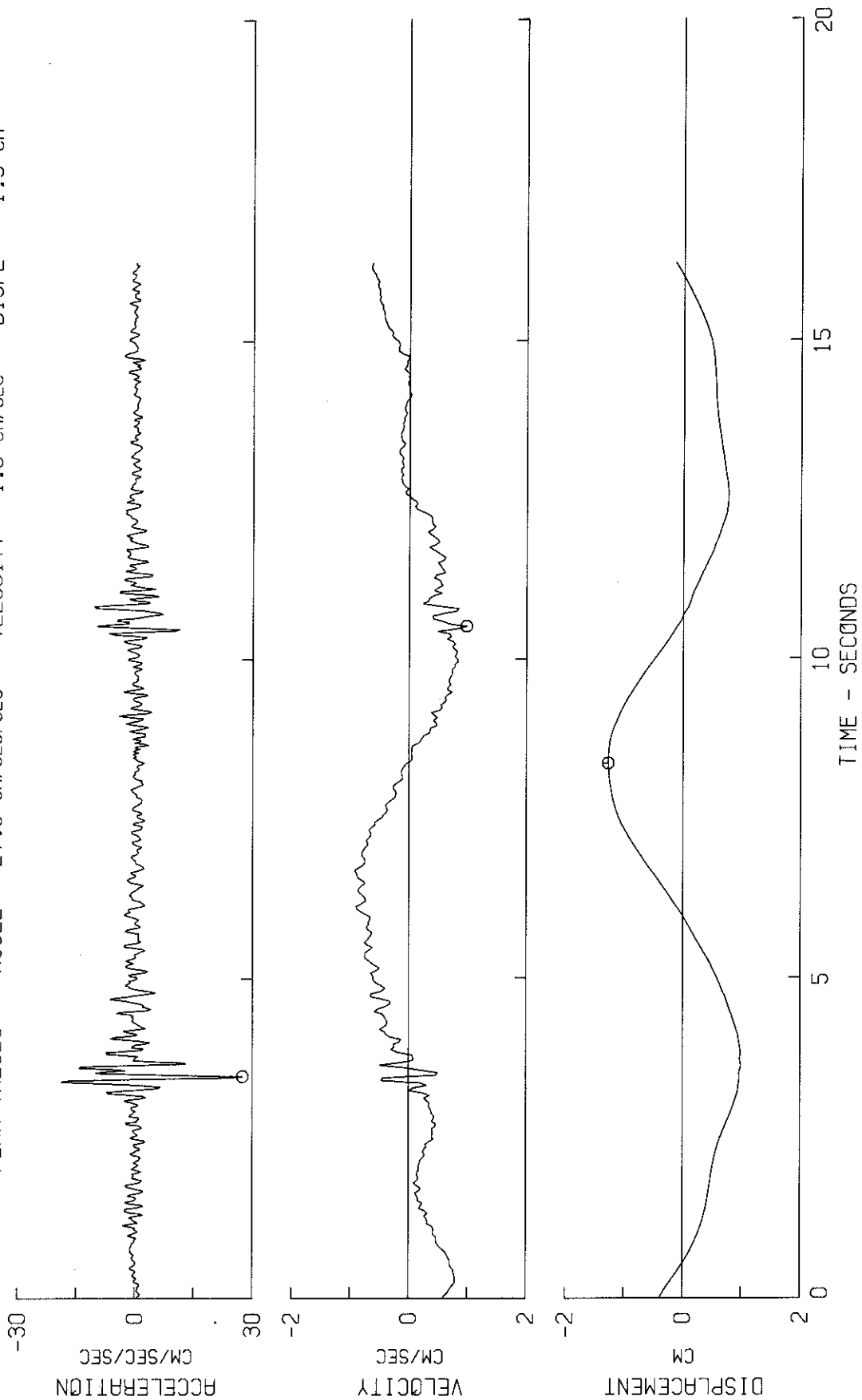
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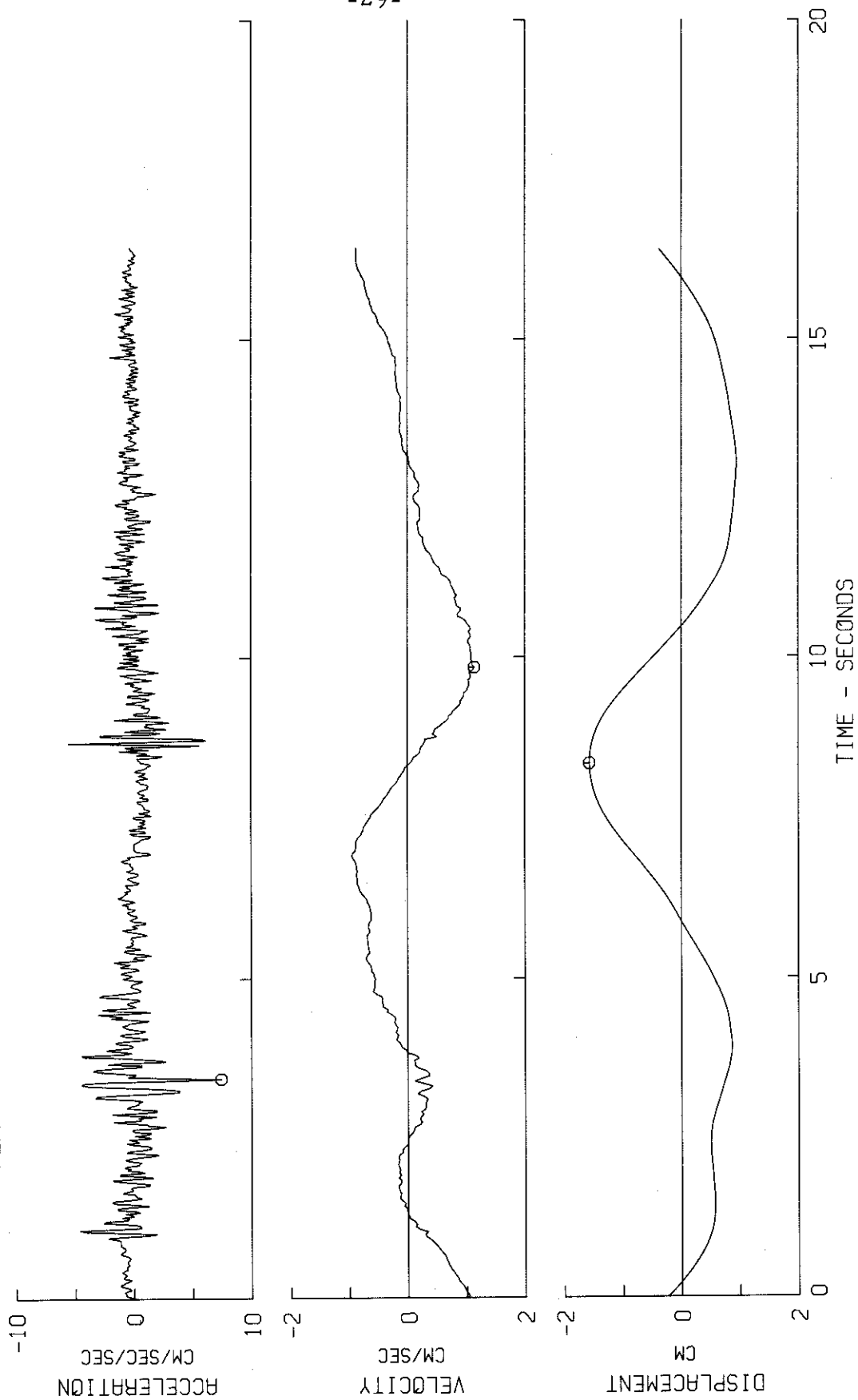
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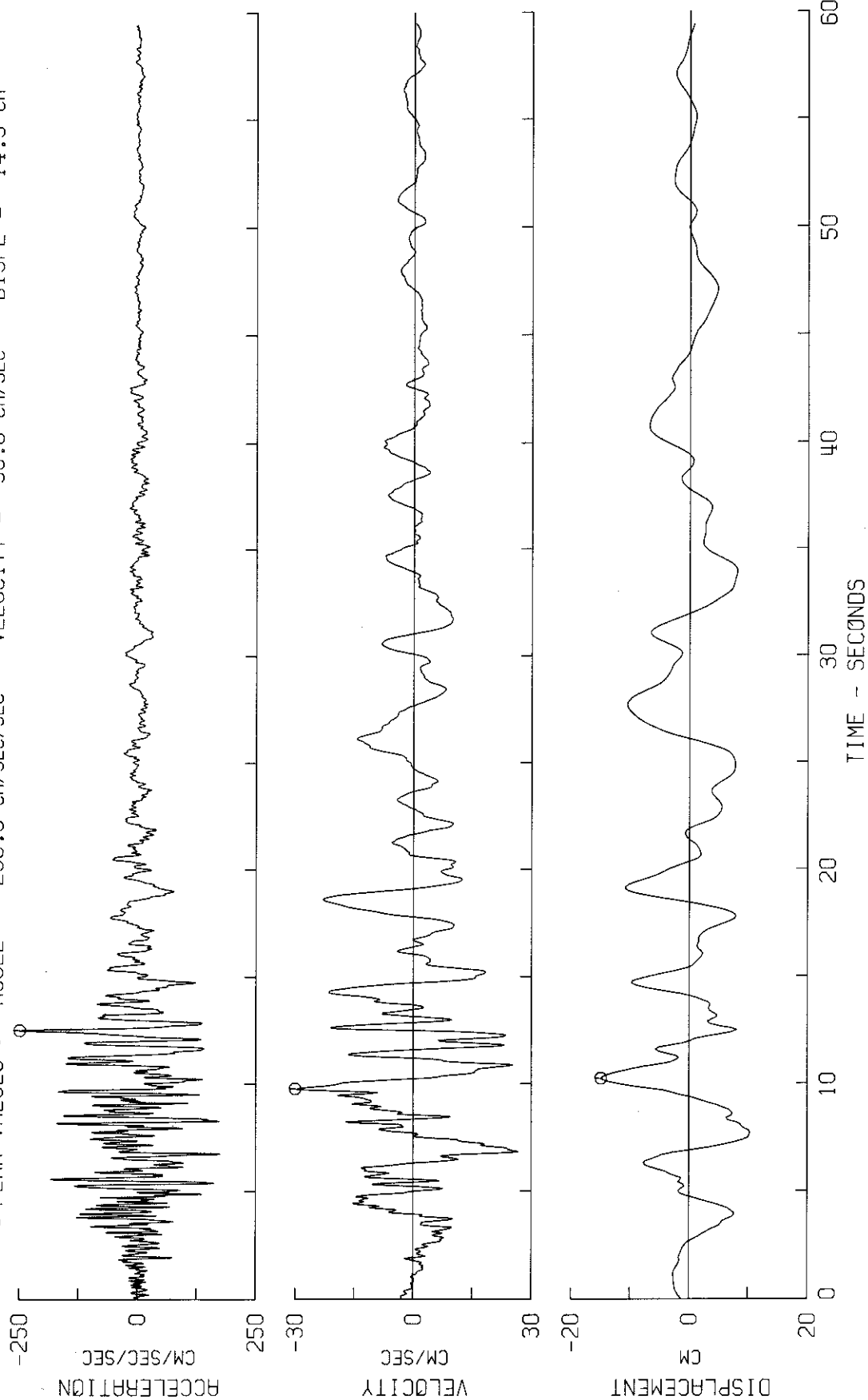
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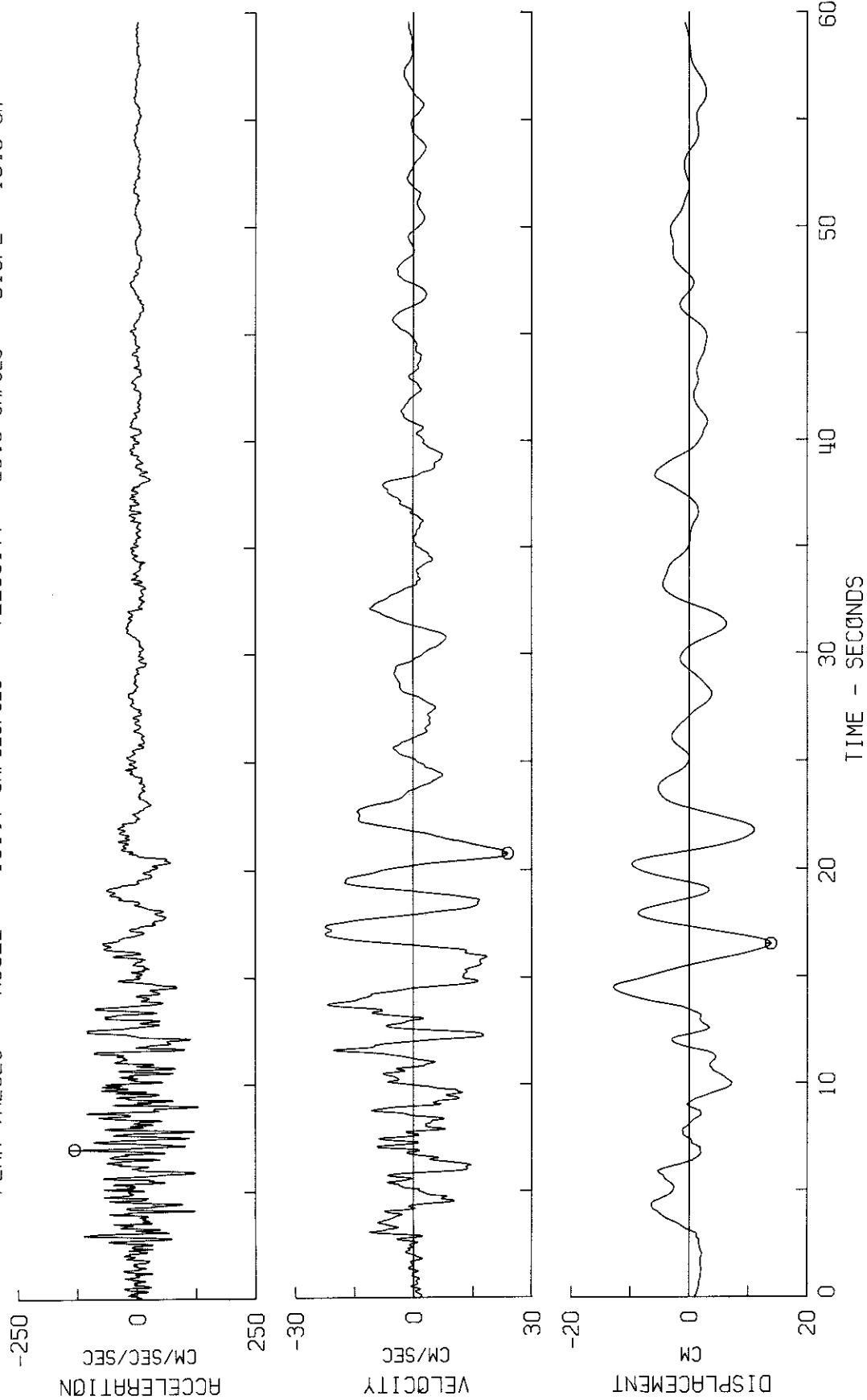
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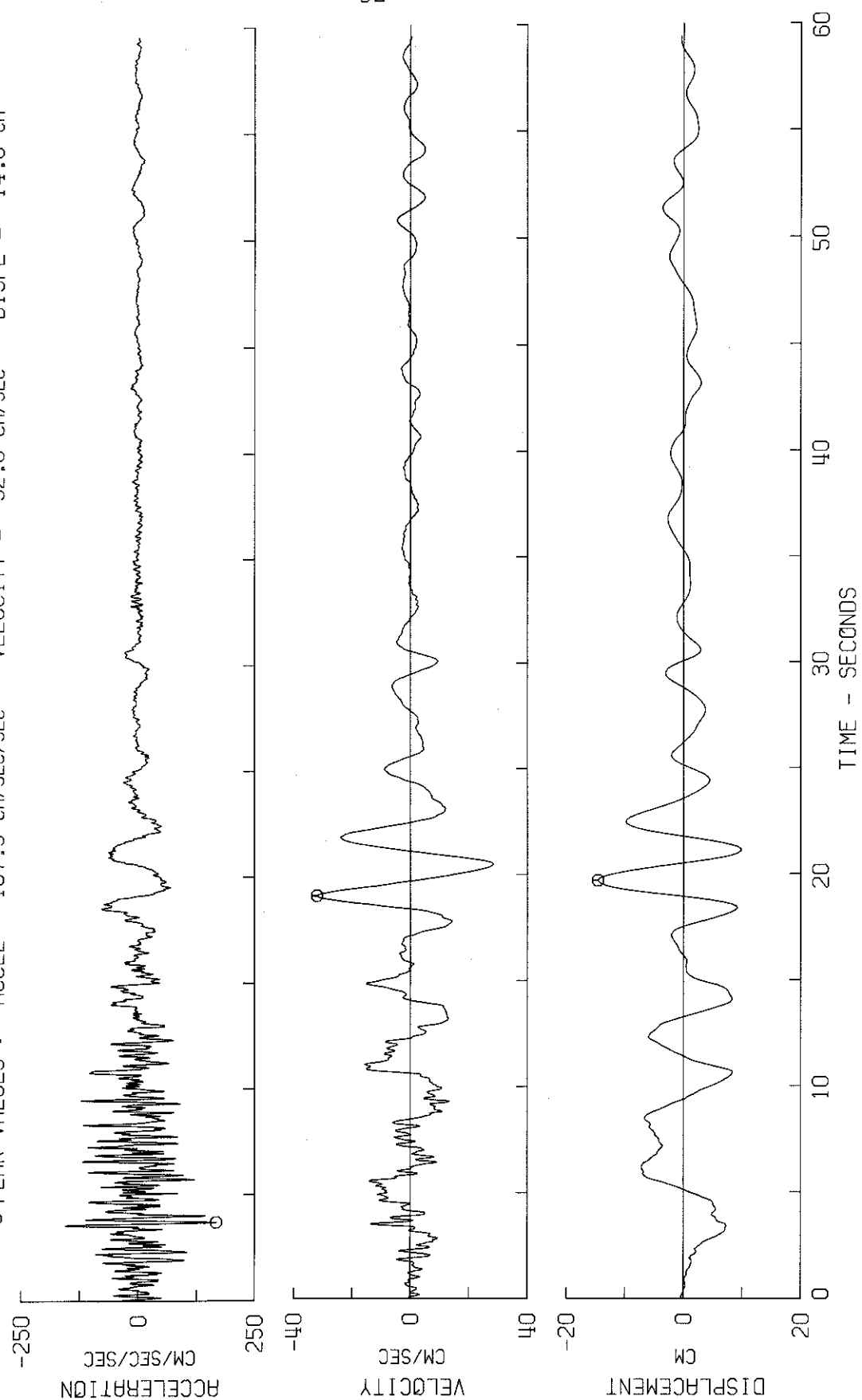
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 IIC048 71.008.0 8244 ORION BLVD. 1ST FLOOR, LOS ANGELES, CAL. COMP NO0W
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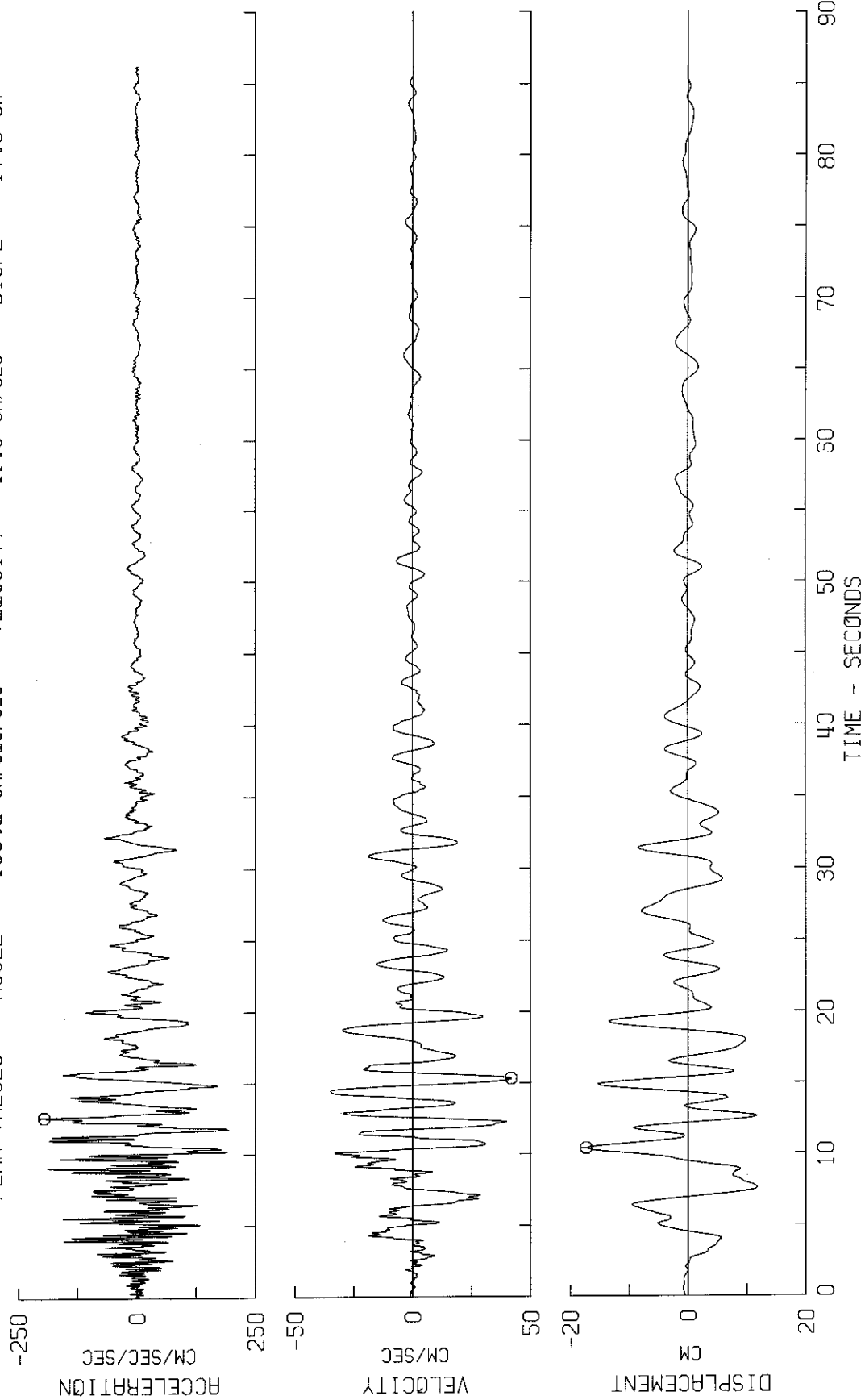
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC048 71.008.0 8244 ORION BLVD. 1ST FLOOR, LOS ANGELES, CAL. COMP S90W
 ○ PEAK VALUES : ACCEL = -131.7 CM/SEC/SEC VELOCITY = 23.9 CM/SEC DISPL = 13.8 CM



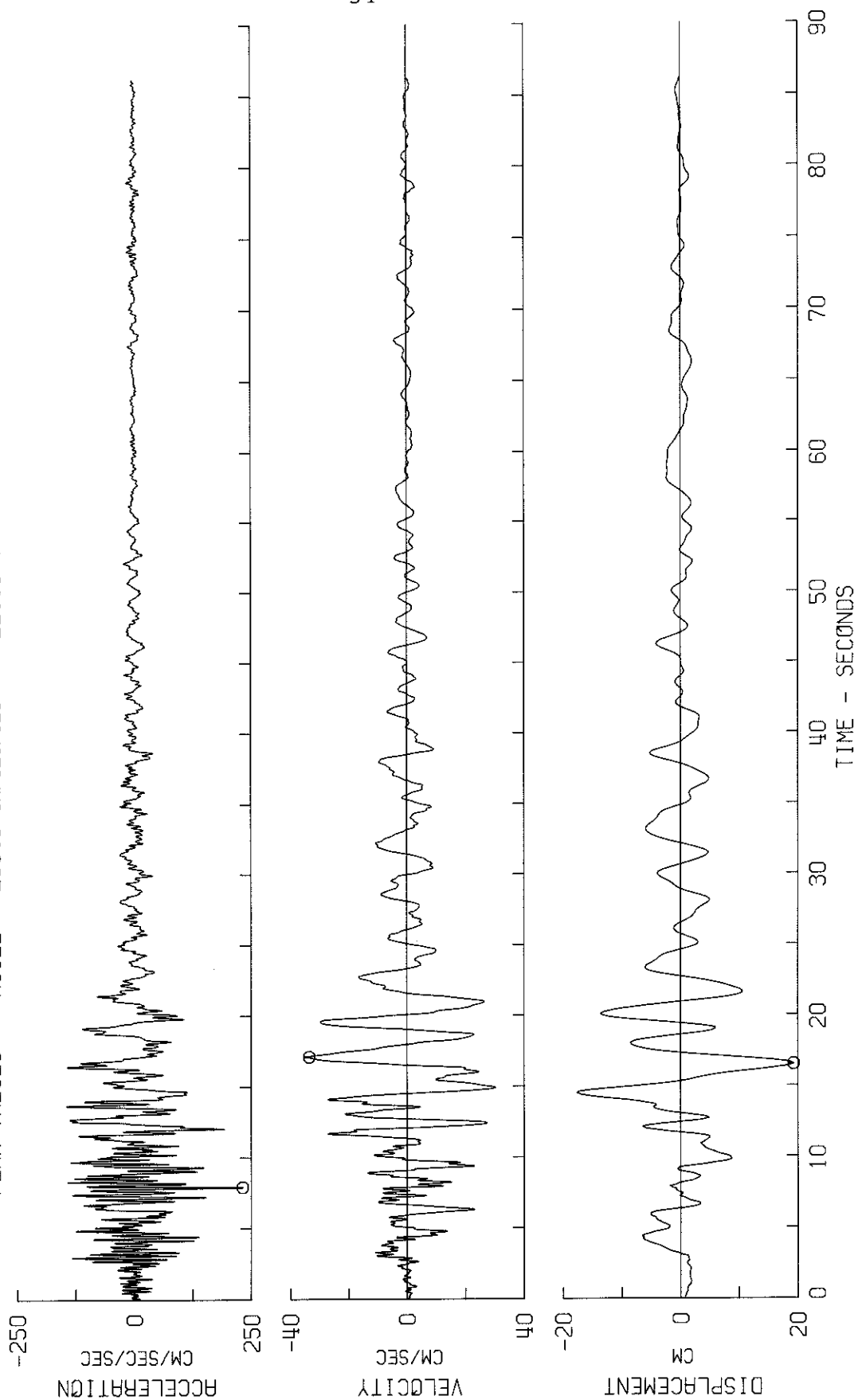
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC048 71.008.0 8244 ORION BLVD. 1ST FLOOR, LOS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = 167.5 CM/SEC/SEC VELOCITY = -32.0 CM/SEC DISPL = -14.6 CM



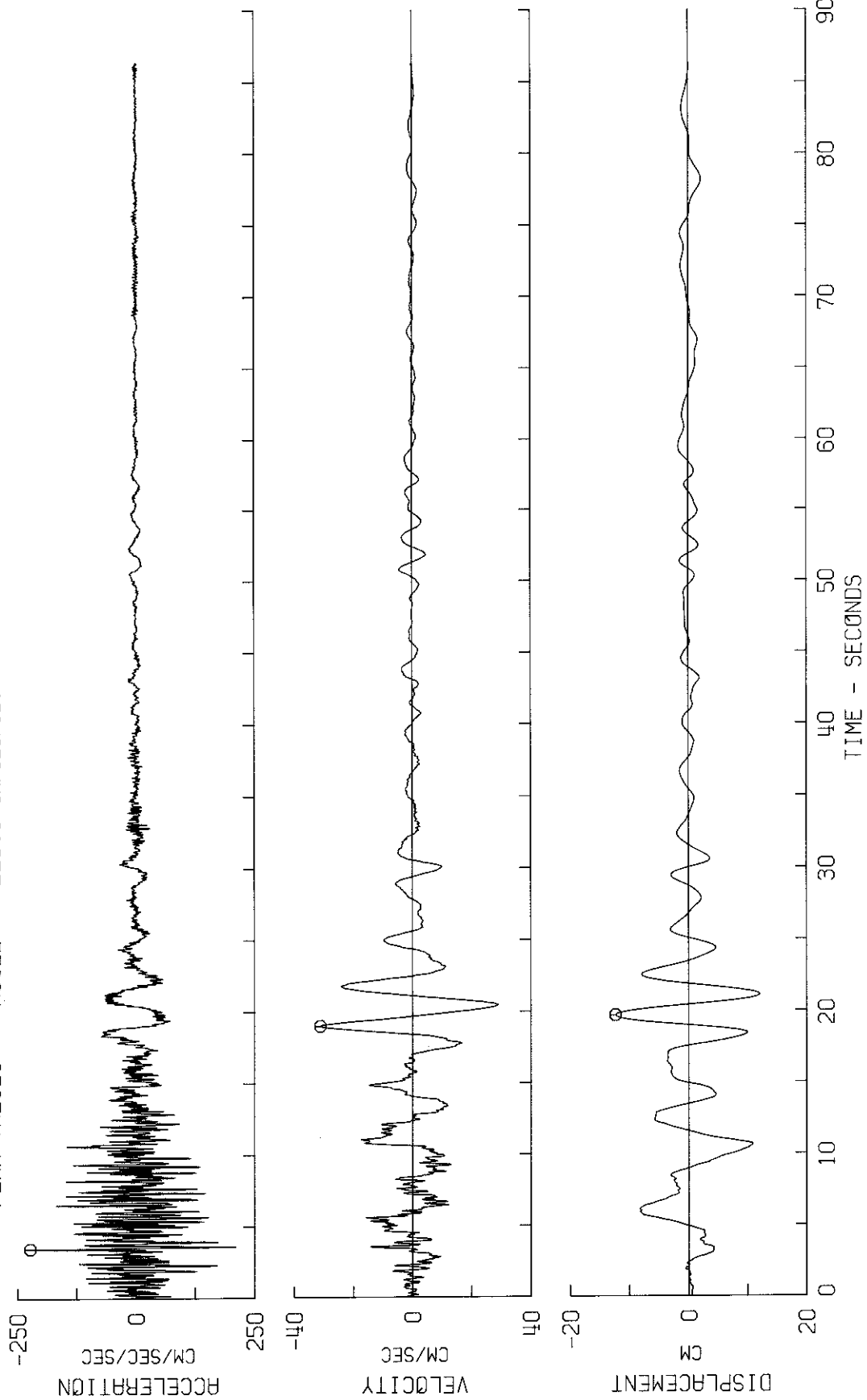
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC049 71.002.0 8244 ORION BLVD. 4TH FLOOR, LOS ANGELES, CAL. COMP NOOW
 ○ PEAK VALUES : ACCEL = -195.2 CM/SEC/SEC VELOCITY = 41.8 CM/SEC DISPL = -17.3 CM



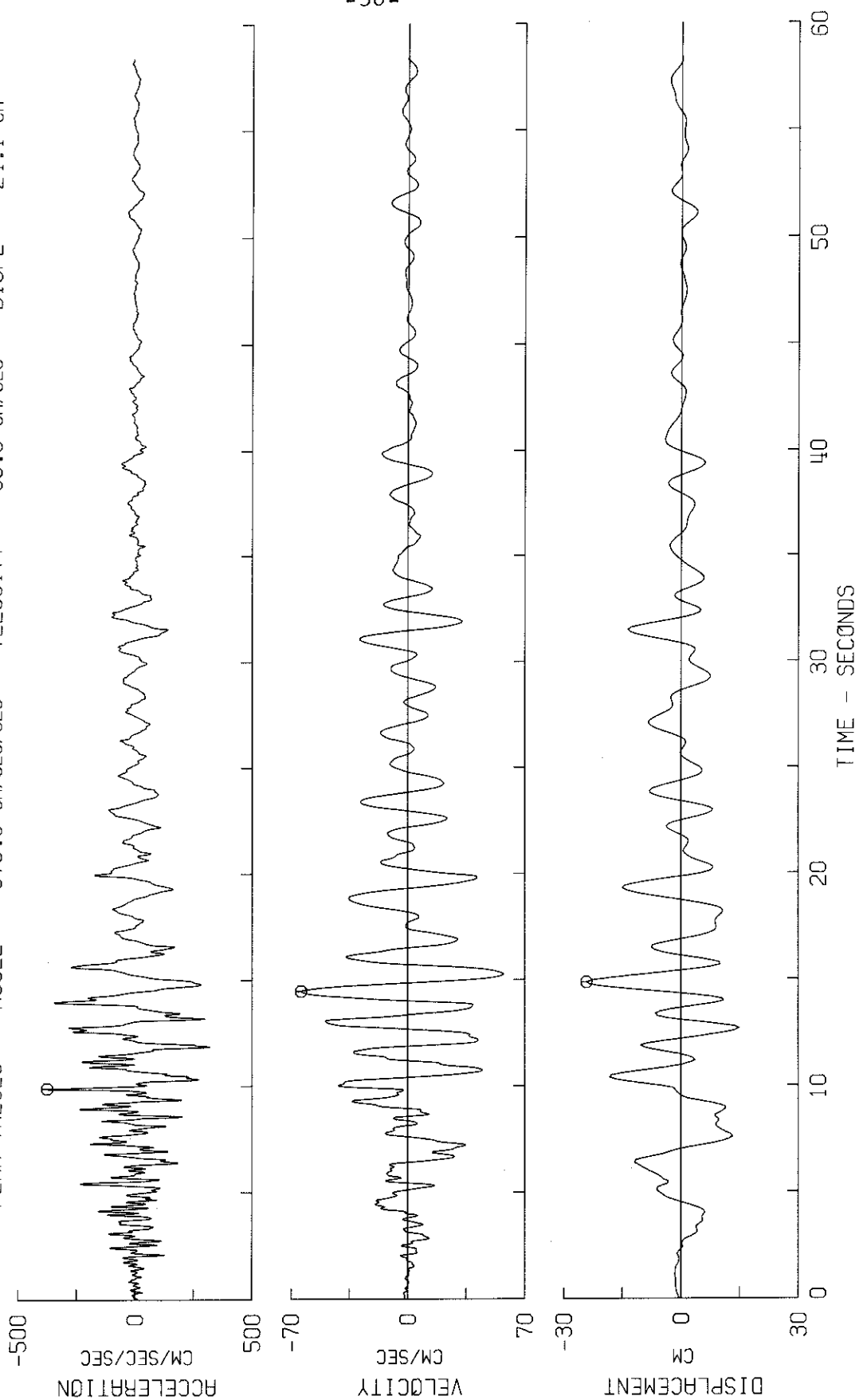
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC049 71.002.0 8244 ORION BLVD. 4TH FLOOR, LOS ANGELES, CAL. COMP S90W
 ○ PEAK VALUES : ACCEL = 231.5 CM/SEC/SEC VELOCITY = -33.5 CM/SEC DISPL = 19.3 CM



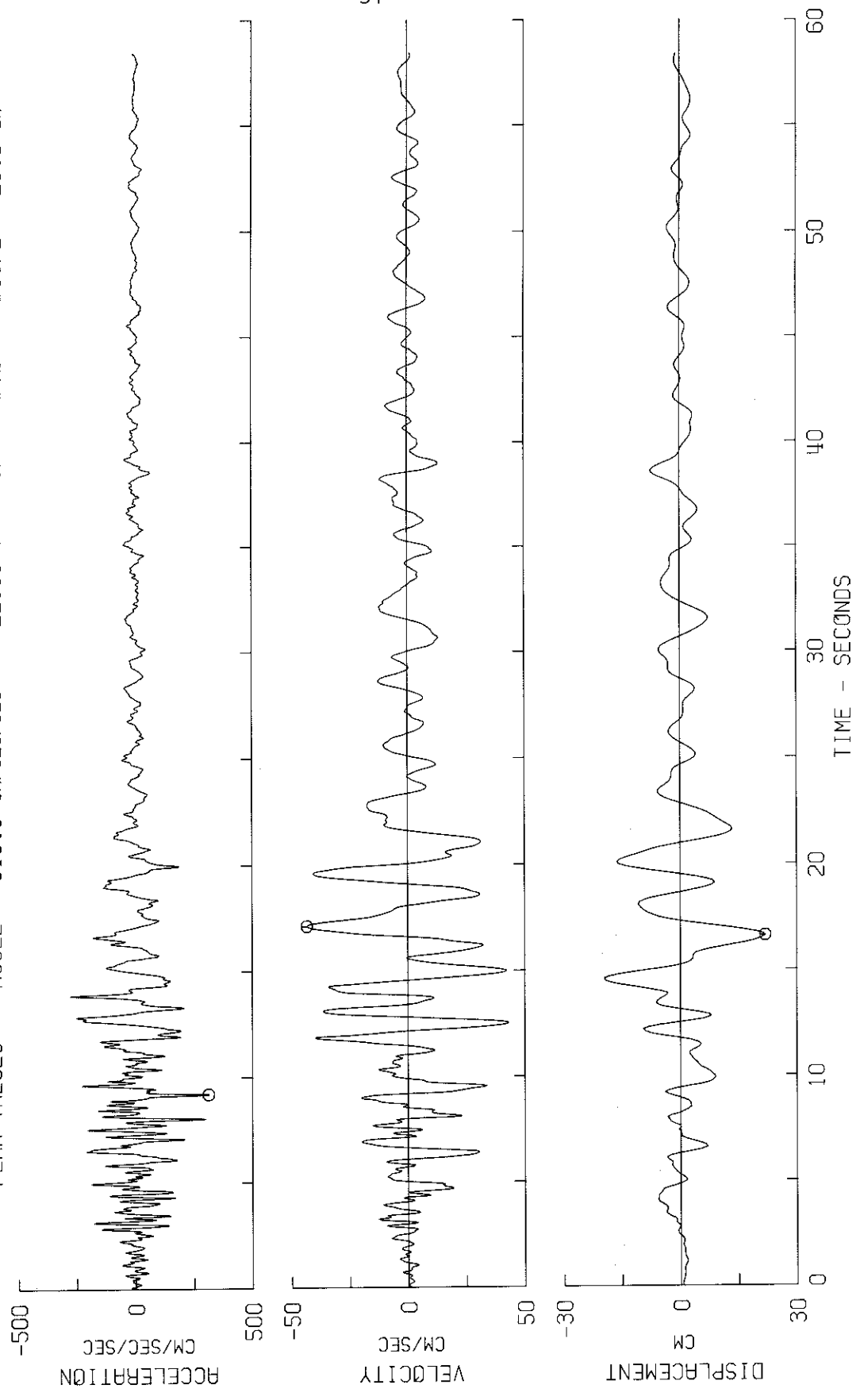
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC049 71.002.0 8244 ORION BLVD. 4TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 PEAK VALUES : ACCEL = -223.1 CM/SEC/SEC VELOCITY = -31.2 CM/SEC DISPL = -12.4 CM



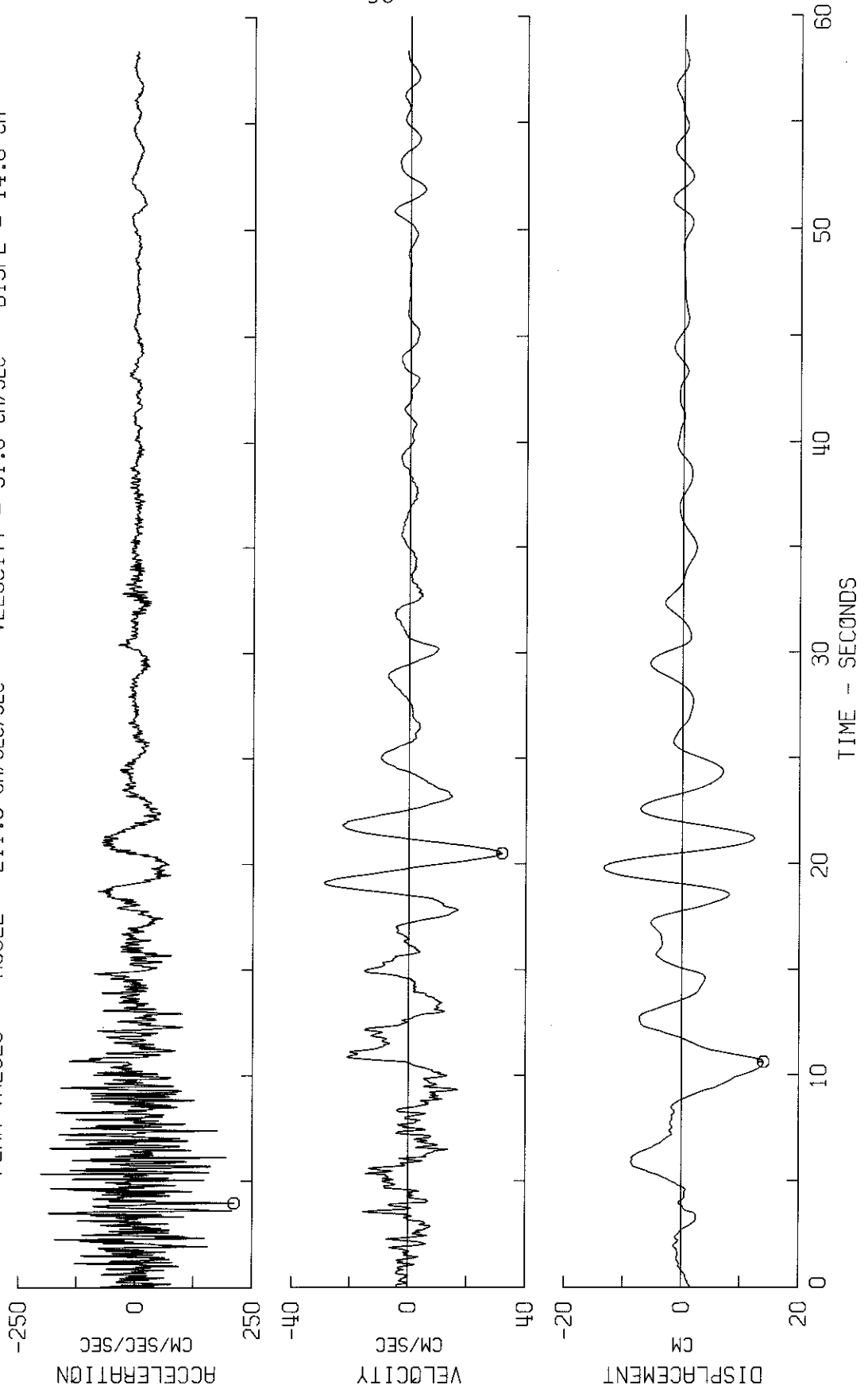
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIC050 71.014.0 8244 ORION BLVD. 8TH FLOOR, LOS ANGELES, CAL. COMP NO0W
⊙ PEAK VALUES : ACCEL = -375.3 CM/SEC/SEC VELOCITY = -63.9 CM/SEC DISPL = -24.1 CM



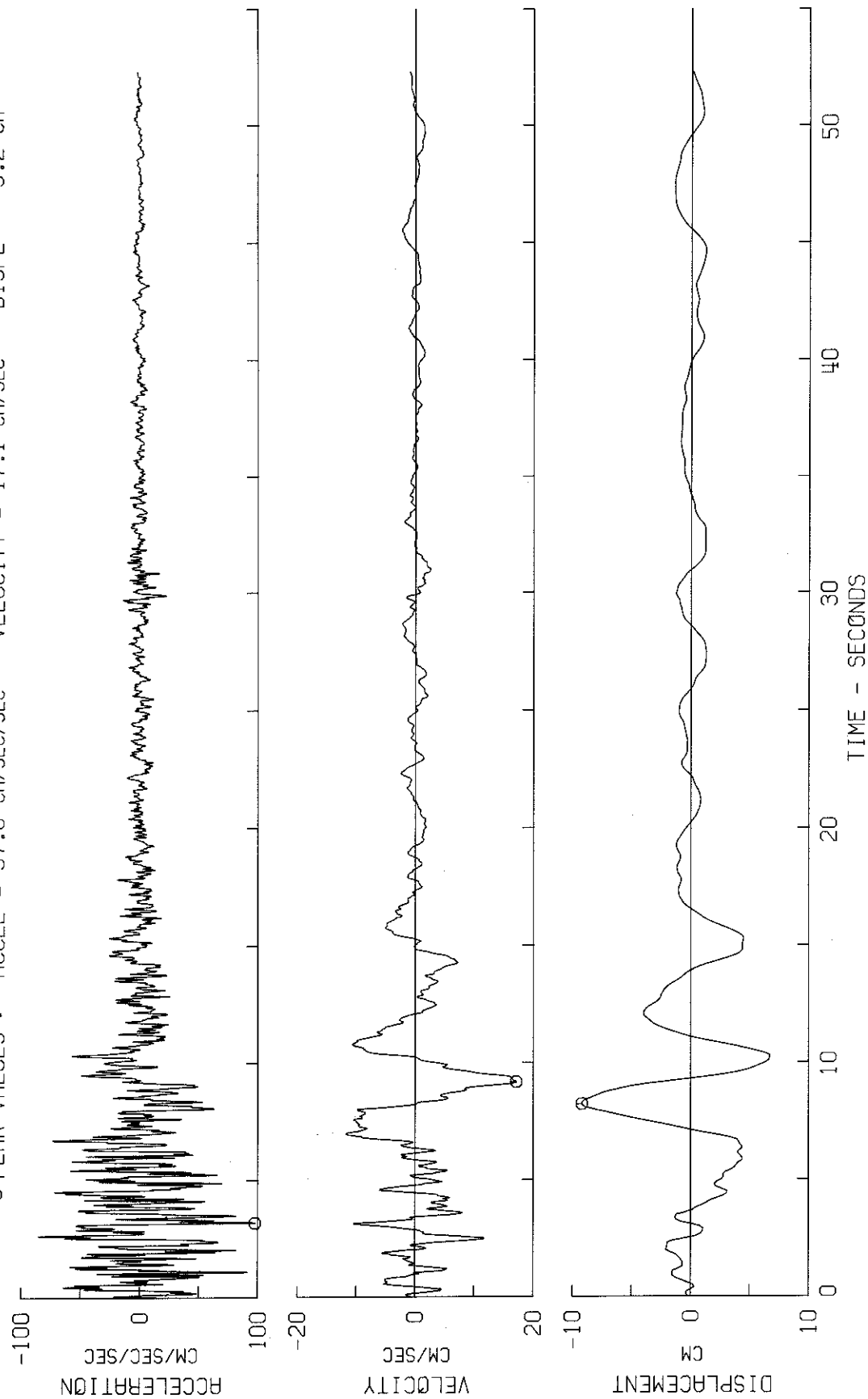
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIC050 71.014.0 8244 ORION BLVD. 8TH FLOOR, LOS ANGELES, CAL. COMP S90W
PEAK VALUES : ACCEL = 313.5 CM/SEC/SEC VELOCITY = -43.2 CM/SEC DISPL = 21.9 CM



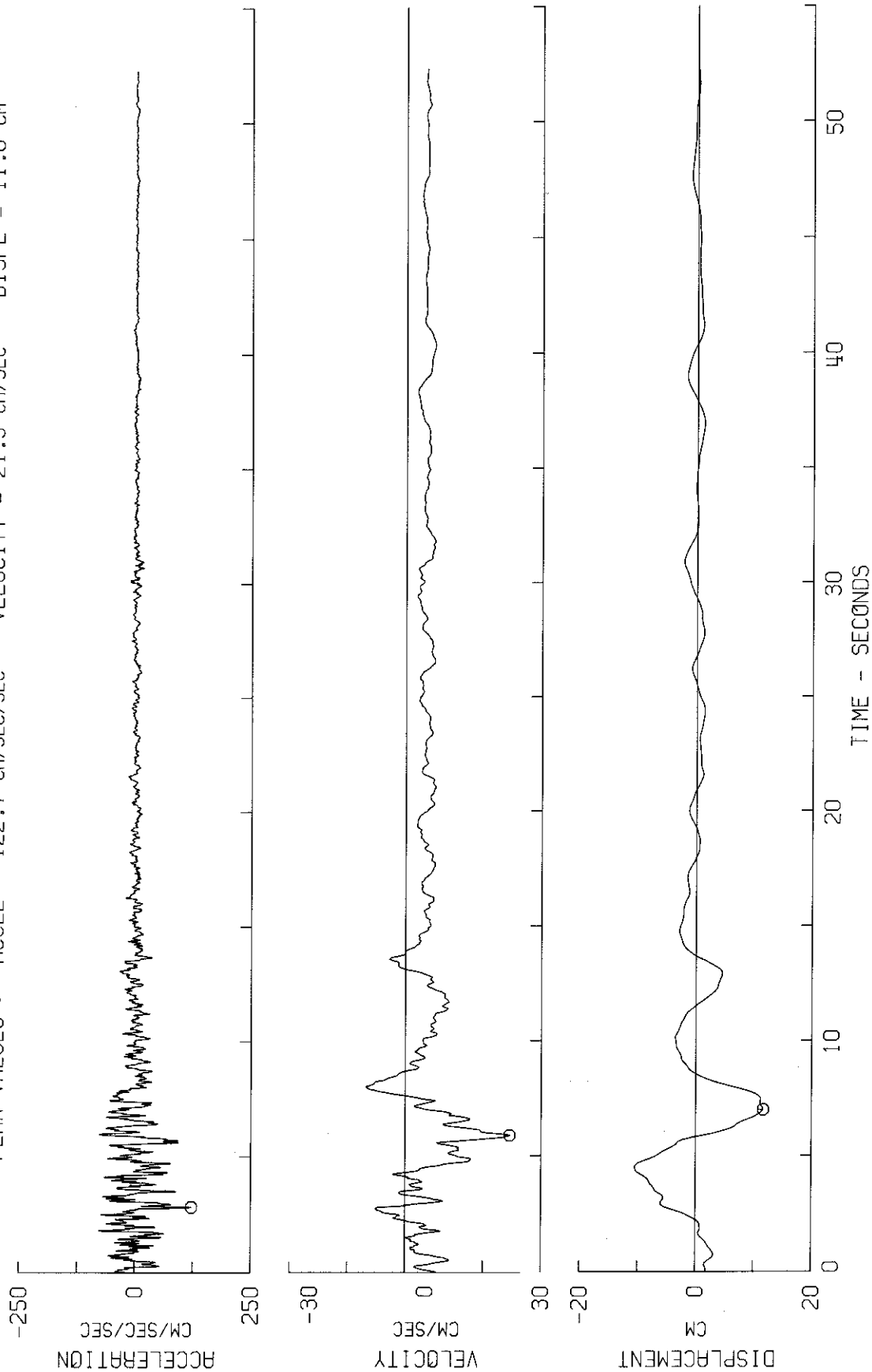
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC050 71.014.0 8244 ORION BLVD. 8TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 PEAK VALUES : ACCEL = 211.5 CM/SEC/SEC VELOCITY = 31.8 CM/SEC DISPL = 14.0 CM



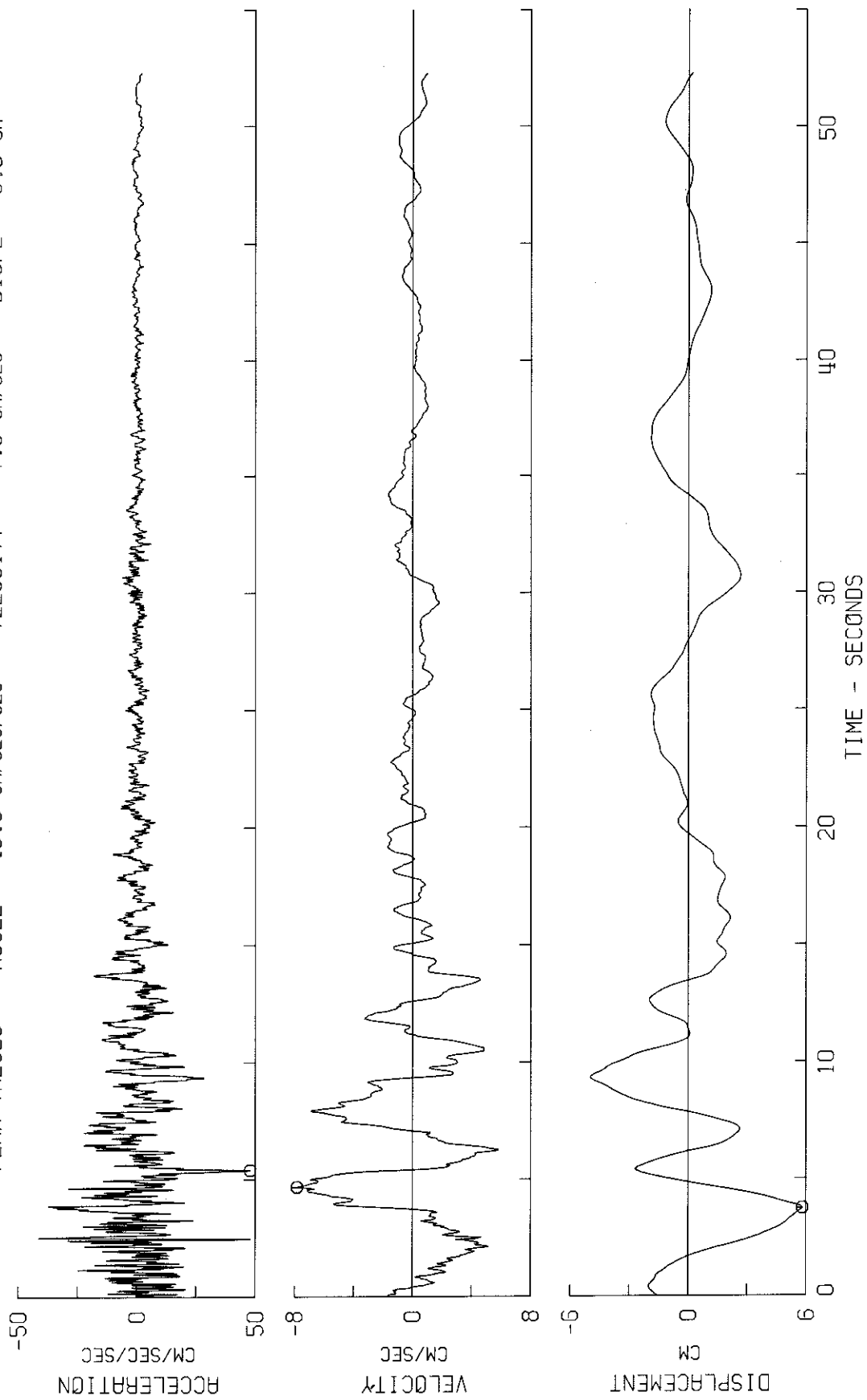
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC051 71.005.0 250 E FIRST STREET BASEMENT, LOS ANGELES, CAL. COMP N36E
 ○ PEAK VALUES : ACCEL = 97.8 CM/SEC/SEC VELOCITY = 17.1 CM/SEC DISPL = -9.2 CM



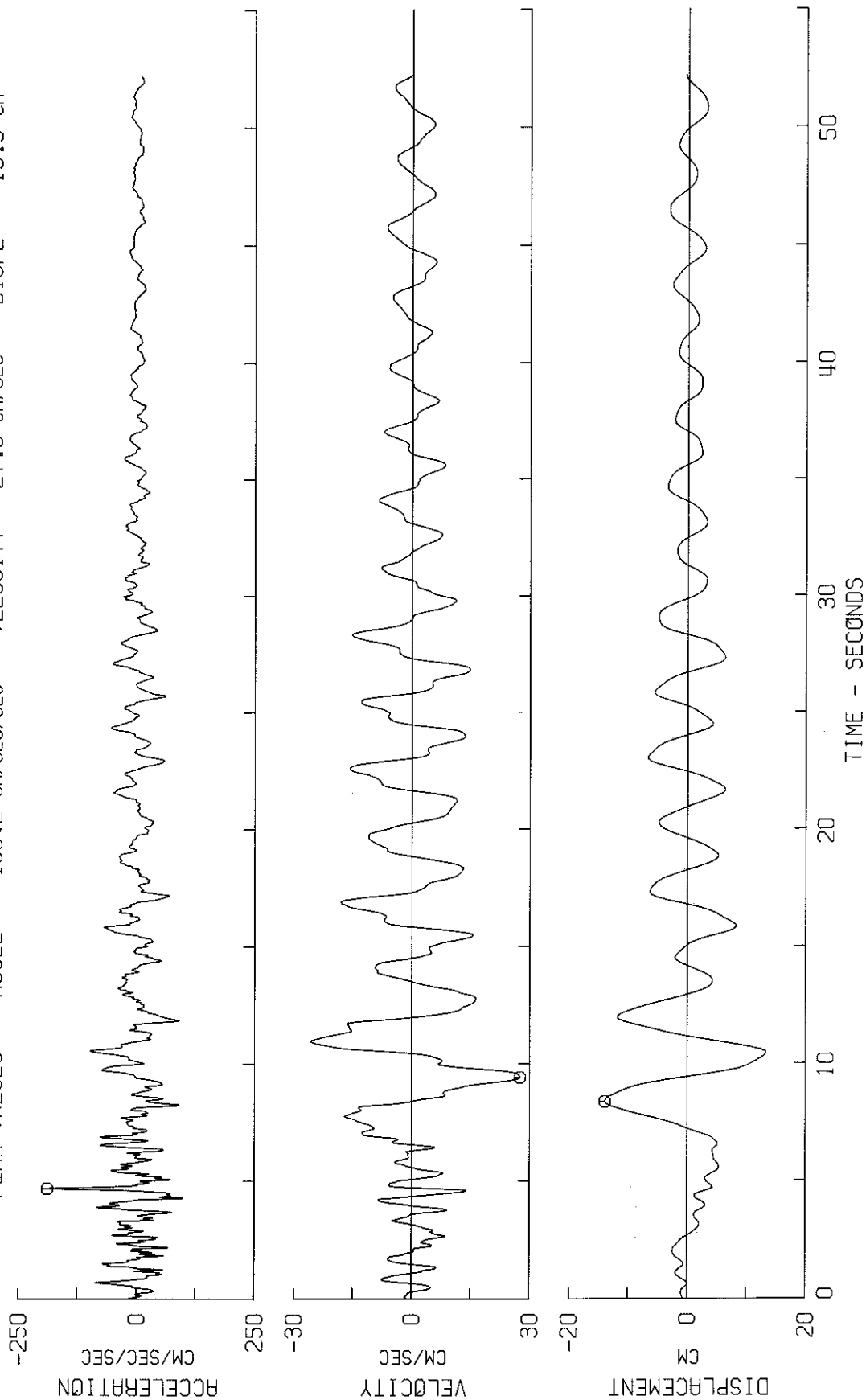
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC051 71.005.0 250 E FIRST STREET BASEMENT, LOS ANGELES, CAL. COMP N54W
 PEAK VALUES: ACCEL = 122.7 CM/SEC/SEC VELOCITY = 21.9 CM/SEC DISPL = 11.6 CM



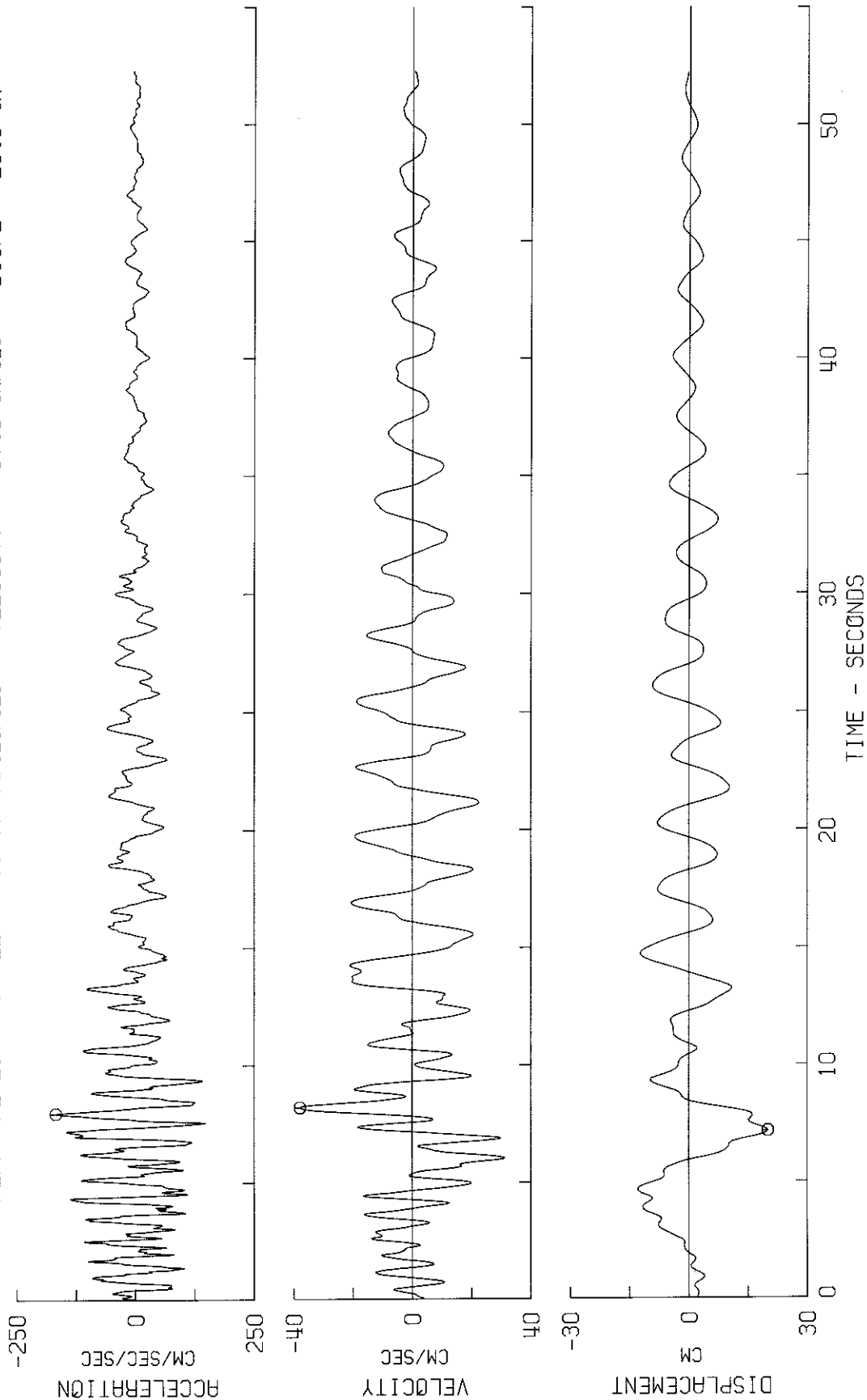
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC051 71.005.0 250 E FIRST STREET BASEMENT, LOS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = 48.0 CM/SEC/SEC VELOCITY = -7.8 CM/SEC DISPL = 5.8 CM



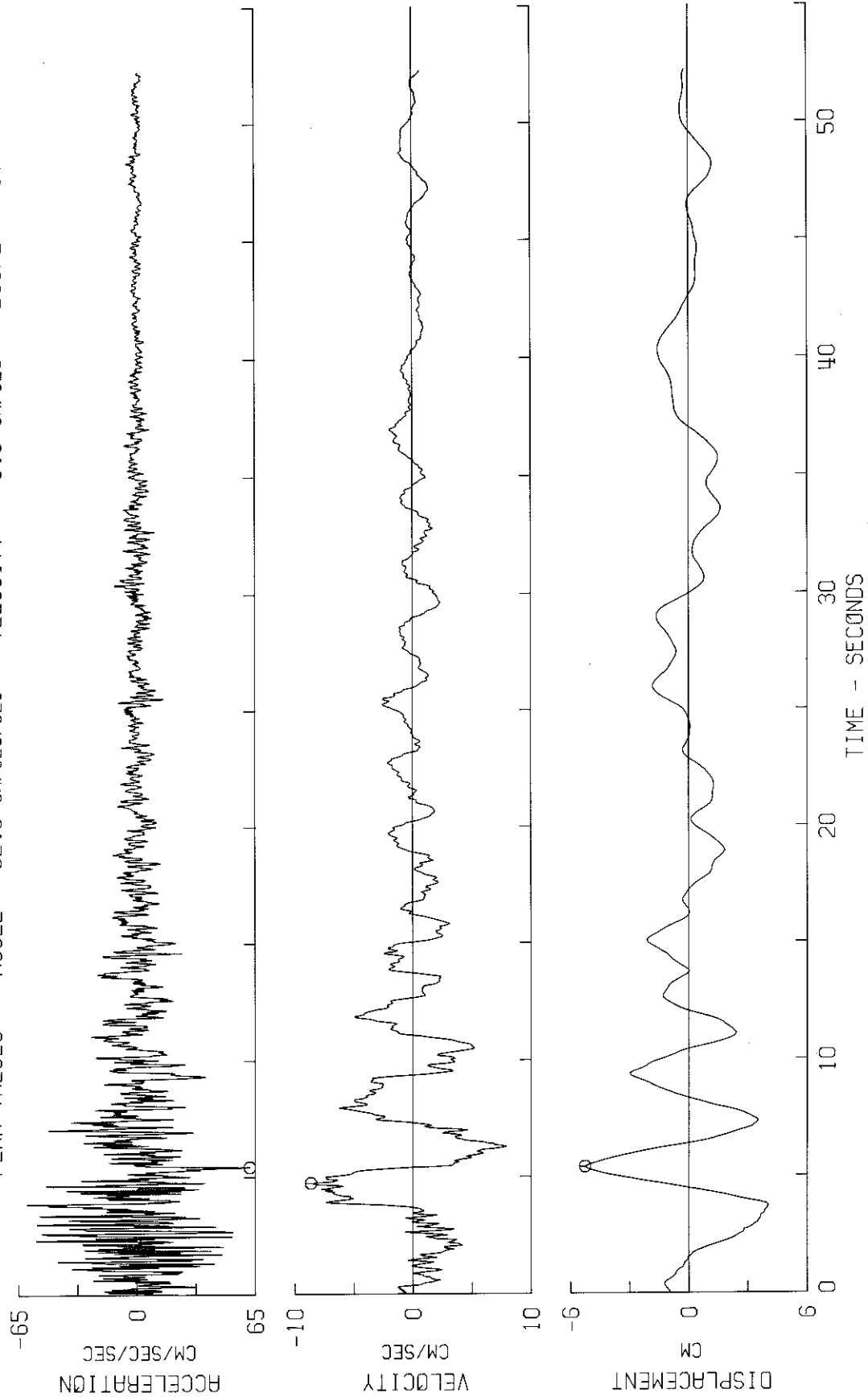
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC052 71.011.0 250 E FIRST STREET 8TH FLOOR, LOS ANGELES, CAL. COMP N36E
 ○ PEAK VALUES : ACCEL = -189.2 CM/SEC/SEC VELOCITY = 27.6 CM/SEC DISPL = -13.9 CM



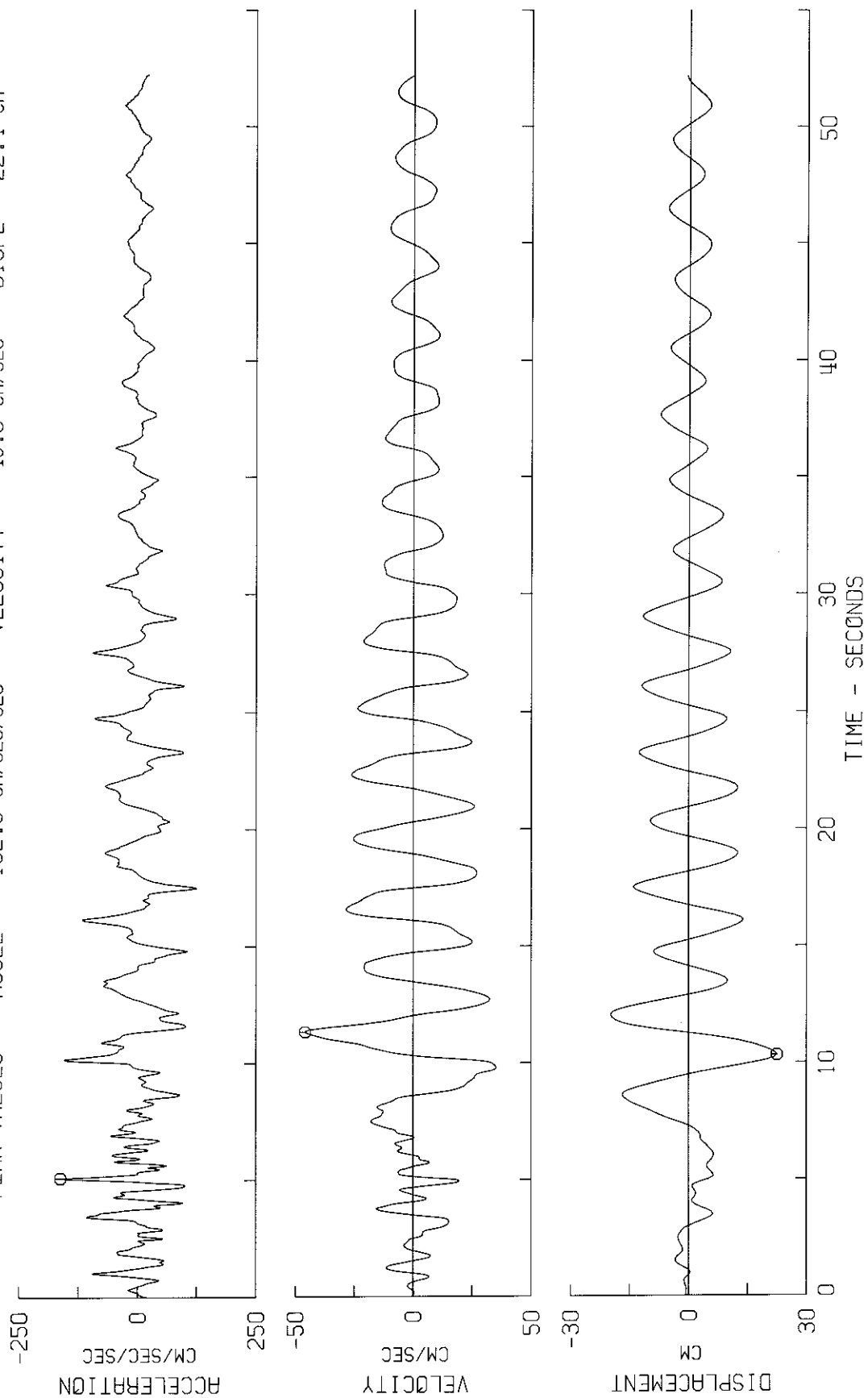
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC052 71.011.0 250 E FIRST STREET 8TH FLOOR, LOS ANGELES, CAL. COMP N54W
 PEAK VALUES : ACCEL = -167.8 CM/SEC/SEC VELOCITY = -37.9 CM/SEC DISPL = 20.0 CM



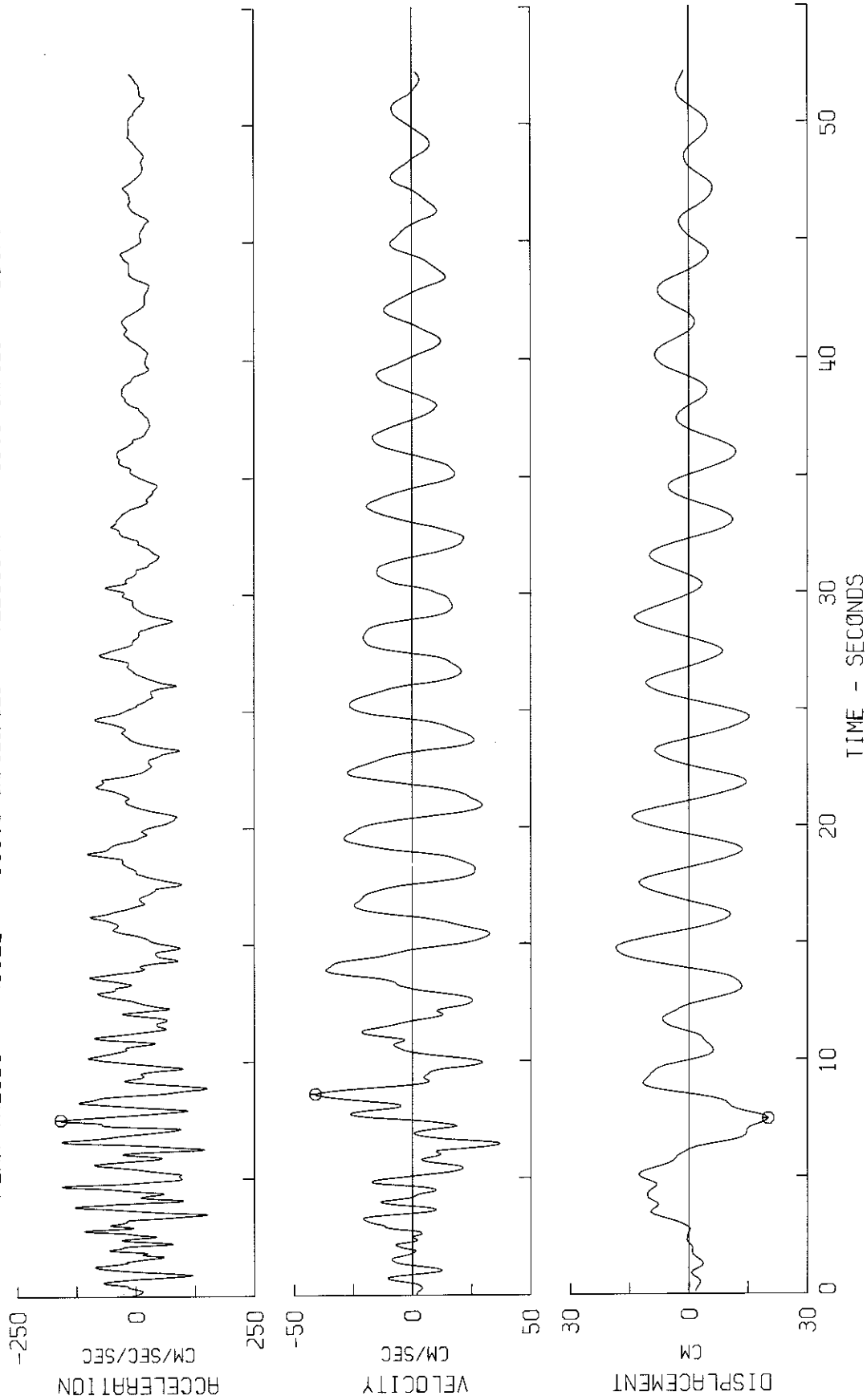
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC052 71.011.0 250 E FIRST STREET 8TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = 62.0 CM/SEC/SEC VELOCITY = -8.6 CM/SEC DISPL = -5.3 CM



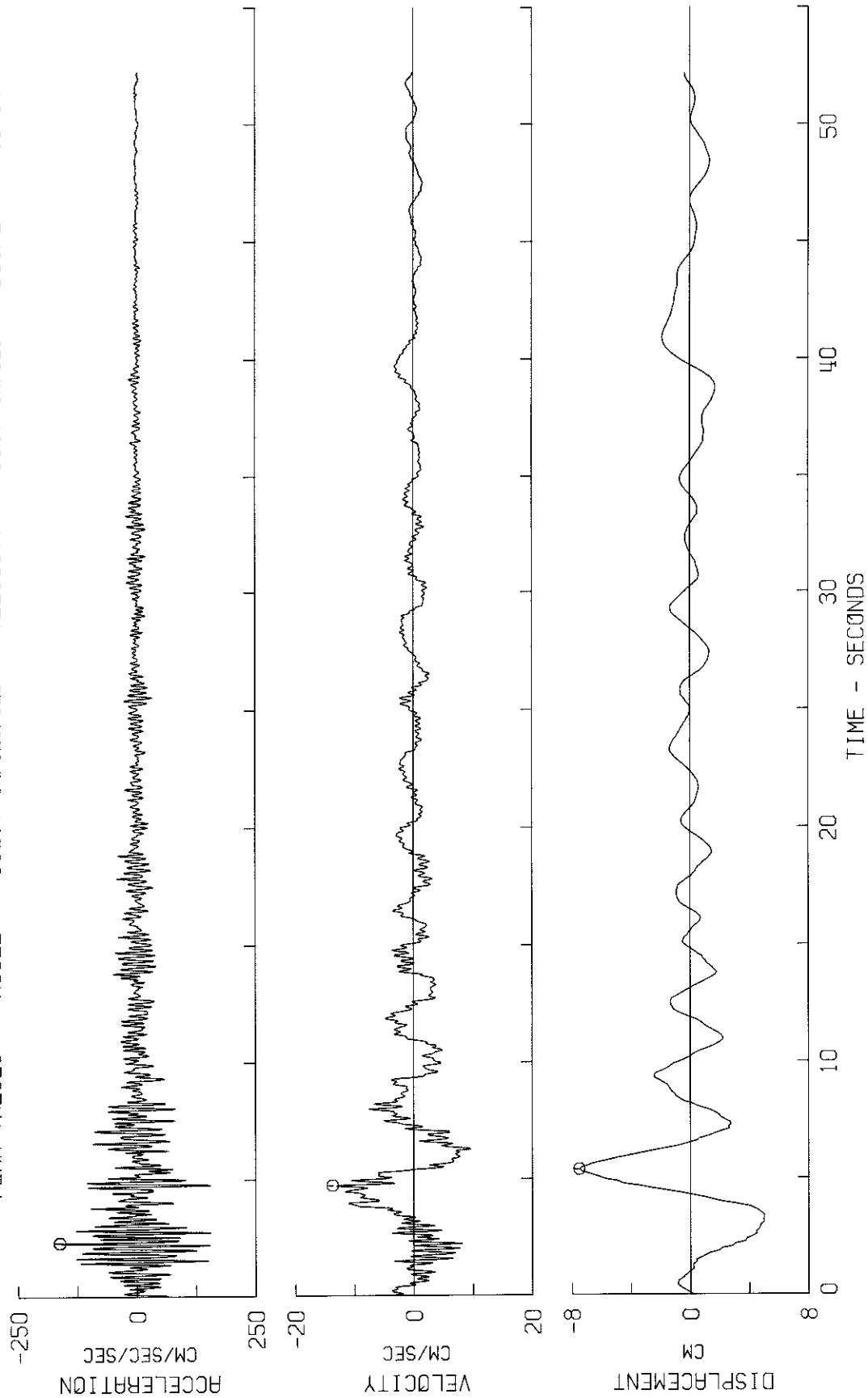
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC053 71.016.0 250 E FIRST STREET 17TH FLOOR, LAS ANGELES, CAL. COMP N36E
 PEAK VALUES : ACCEL = -162.5 CM/SEC/SEC VELOCITY = -45.8 CM/SEC DISPL = 22.4 CM



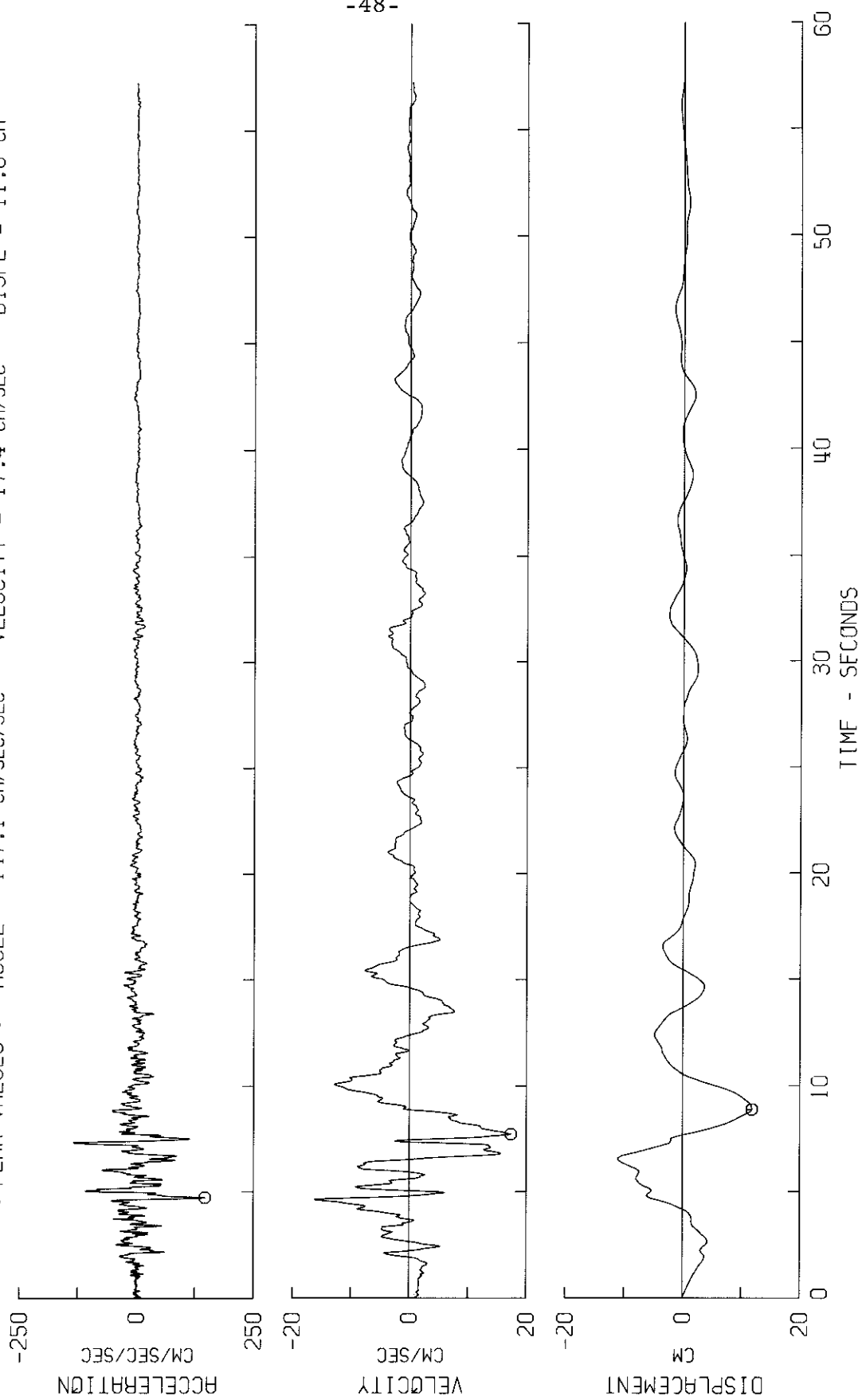
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC053 71.016.0 250 E FIRST STREET 17TH FLOOR, LAS ANGELES, CAL. COMP N54W
 ○ PEAK VALUES : ACCEL = -159.0 CM/SEC/SEC VELOCITY = -41.1 CM/SEC DISPL = 20.1 CM



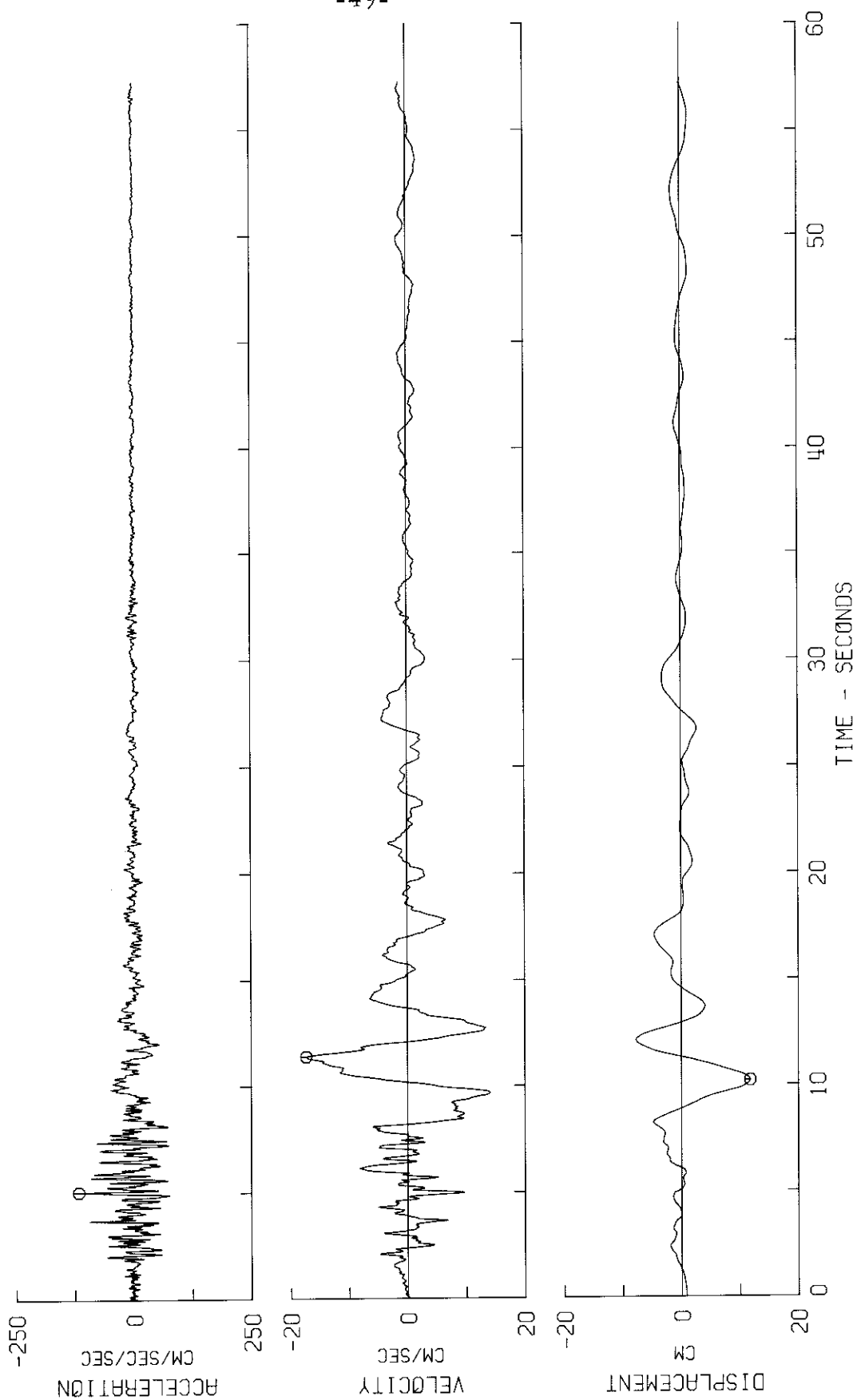
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC053 71.016.0 250 E FIRST STREET 17TH FLOOR, LAS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = -162.7 CM/SEC/SEC VELOCITY = -13.7 CM/SEC DISPL = -7.5 CM



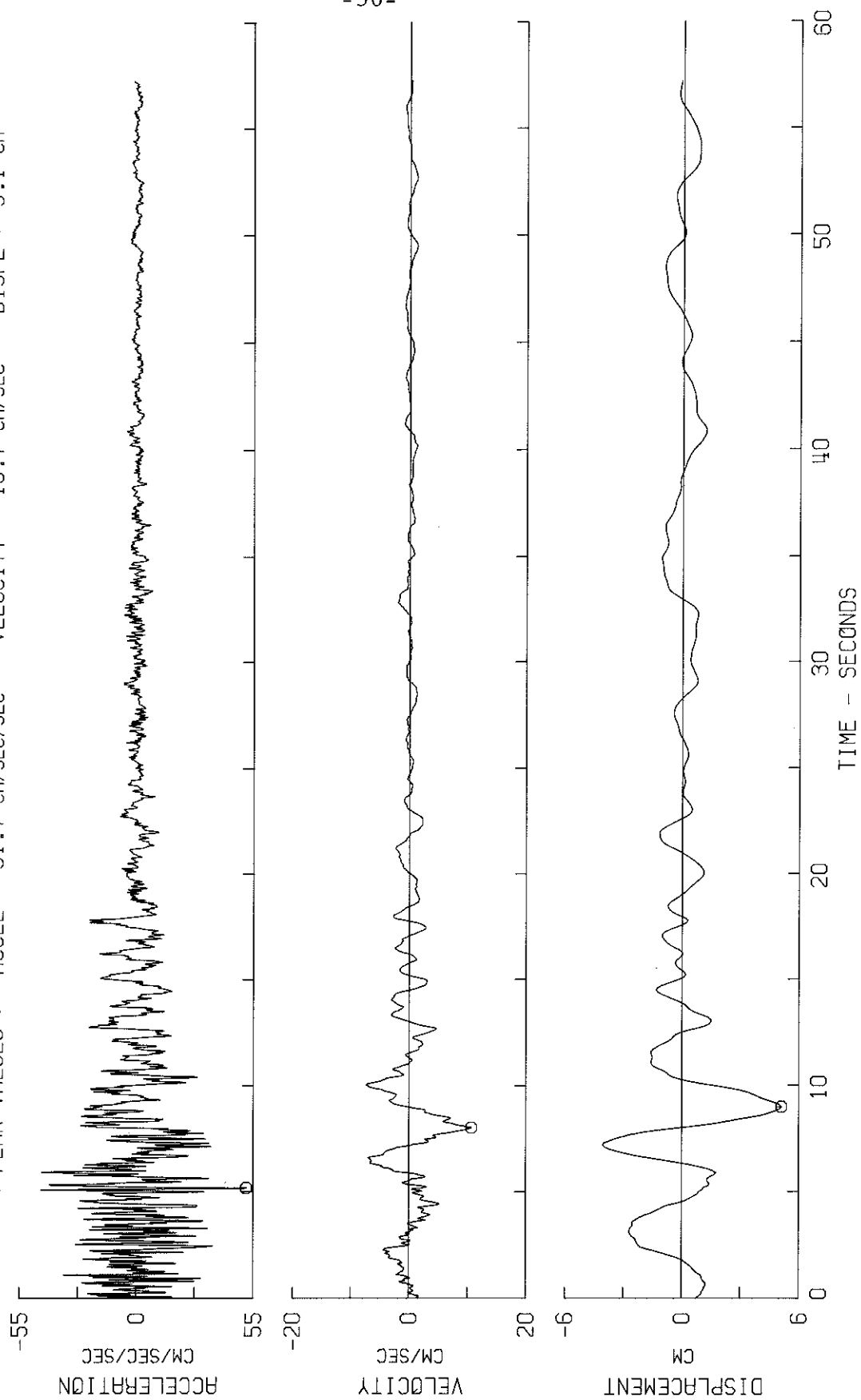
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC054 71.060.0 445 FIGUEROA STREET, SUB-BASEMENT, LOS ANGELES, CAL. COMP N52W
 PEAK VALUES : ACCEL = 147.1 CM/SEC/SEC VELOCITY = 17.4 CM/SEC DISPL = 11.8 CM



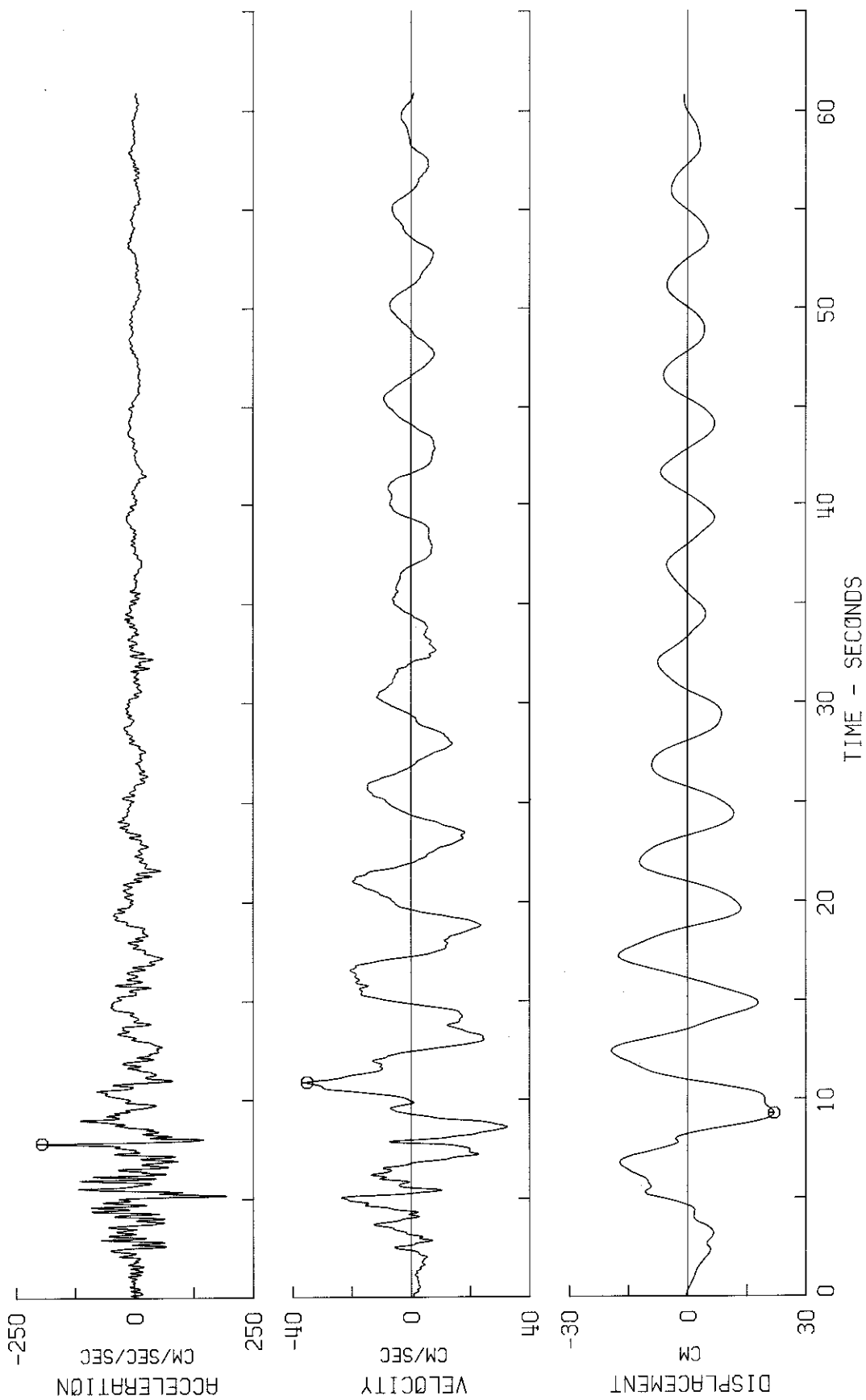
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC054 71.060.0 445 FIGUEROA STREET, SUB-BASEMENT, LOS ANGELES, CAL. COMP S38W
 PEAK VALUES: ACCEL = -117.0 CM/SEC/SEC VELOCITY = -17.3 CM/SEC DISPL = 11.8 CM



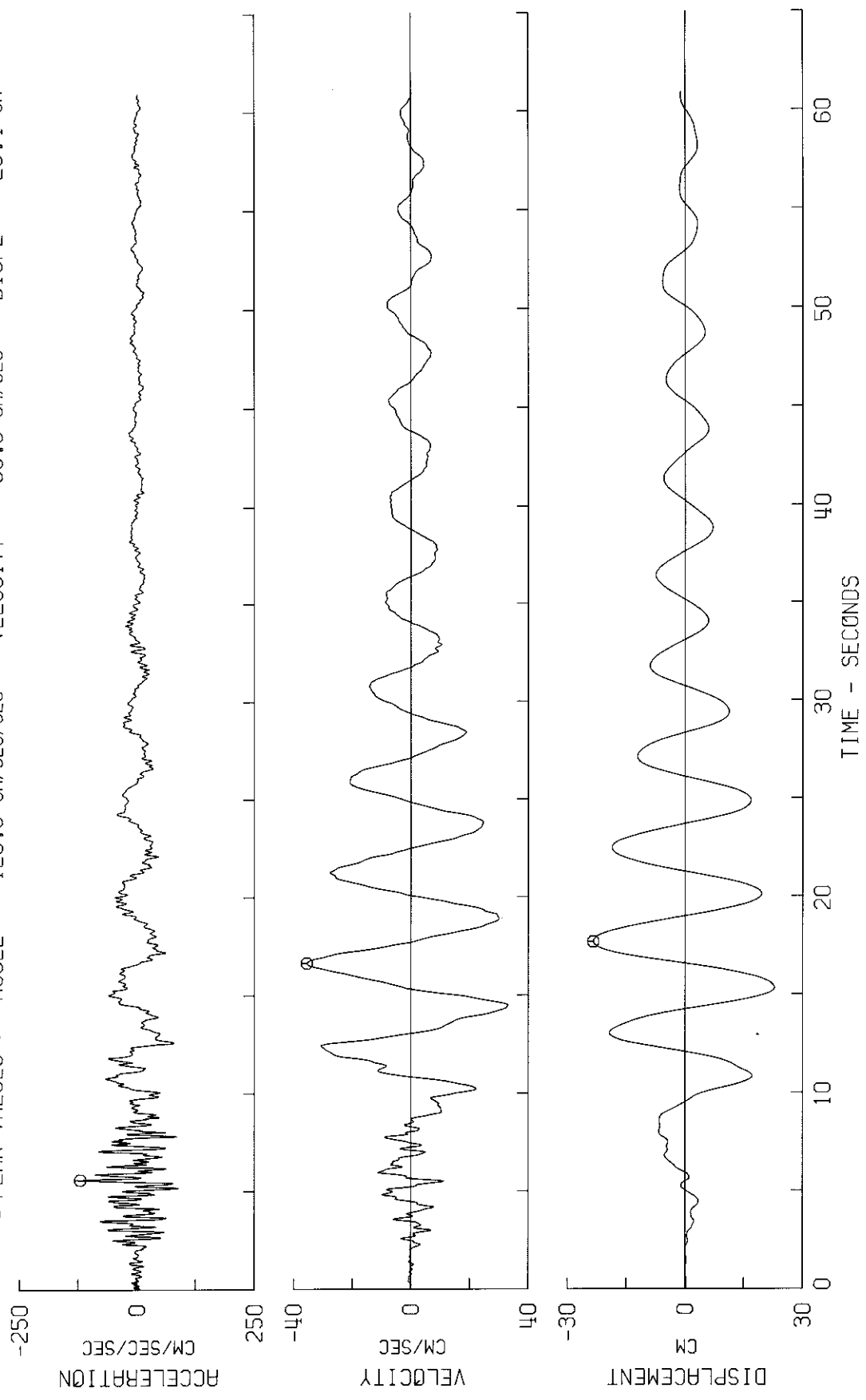
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC054 71.060.0 445 FIGUEROA STREET, SUB-BASEMENT, LOS ANGELES, CAL. COMP DOWN
 PEAK VALUES : ACCEL = 51.7 CM/SEC/SEC VELOCITY = 10.7 CM/SEC DISPL = 5.1 CM



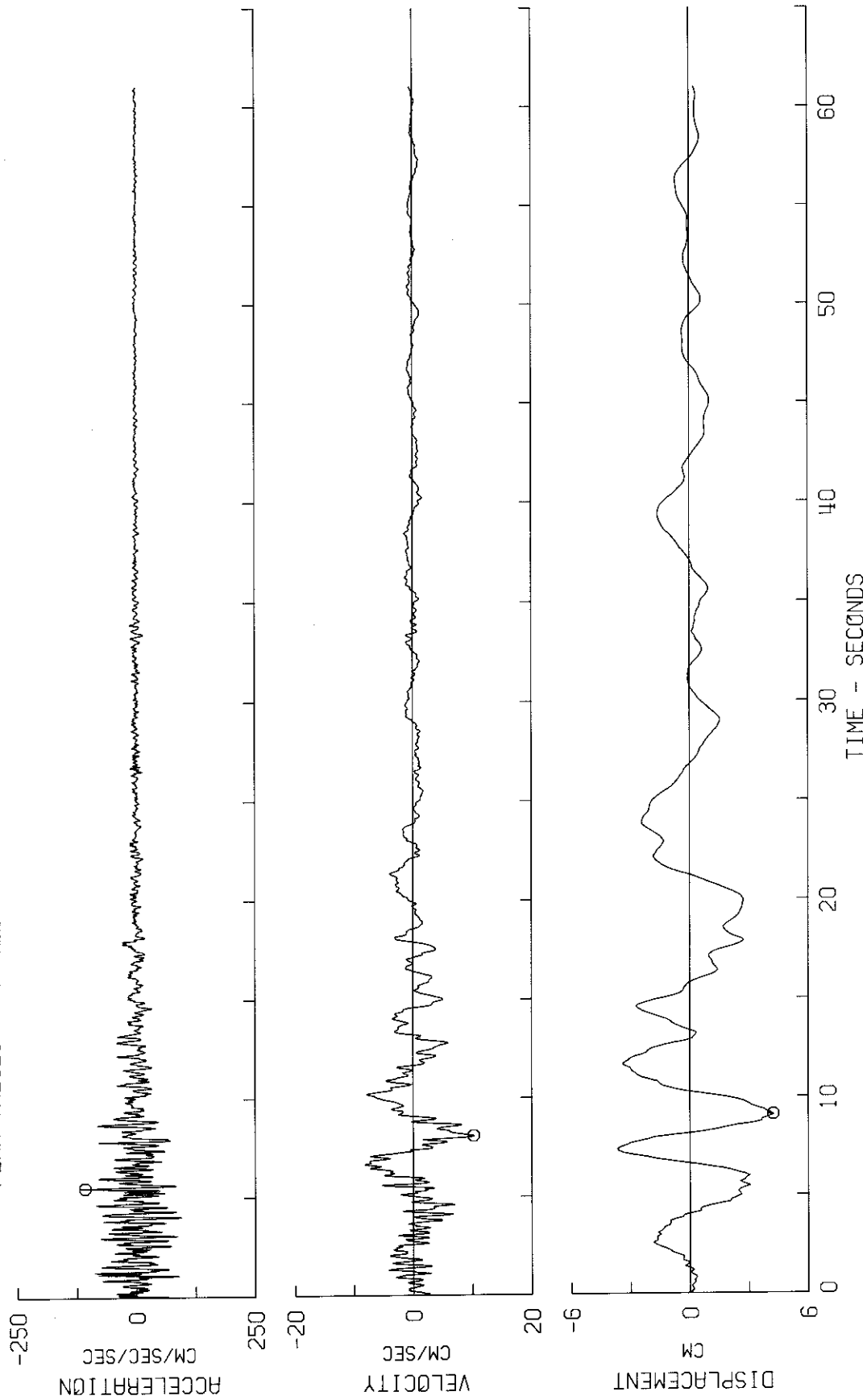
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC055 71.091.0 445 FIGUEROA STREET, 19TH FLOOR, LOS ANGELES, CAL. COMP N52W
 PEAK VALUES : ACCEL = -195.5 CM/SEC/SEC VELOCITY = -35.3 CM/SEC DISPL = 22.0 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC055 71.091.0 445 FIGUEROA STREET, 19TH FLOOR, LOS ANGELES, CAL. COMP S38W
 PEAK VALUES : ACCEL = -120.8 CM/SEC/SEC VELOCITY = -35.5 CM/SEC DISPL = -23.4 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIC055 71.091.0 445 FIGUEROA STREET, 19TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = -108.3 CM/SEC/SEC VELOCITY = 10.2 CM/SEC DISPL = 4.2 CM



11C041 71.001.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 ~ 0600 PST
STATION NO. 279 PACUIMA DAM, CAL.
INSTR PERIOD = 0.0510 SEC DAMPING = 0.544

PEAK VALS ACCLN = -1148.1 CM/SEC/SEC AT 7.74 SEC VELC = -113.2 CM/SEC AT 3.04 SEC DISP = 37.7 CM AT 7.78 SEC

2091 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC																
INITIAL VELO = 1.22556 CM/SEC					INITIAL DISP = 0.42512 CM											
-78	-260	-122	259	-72	-208	306	-258	-341	362	-249	-183	369	311	-144	-71	146
-36	40	527	28	-715	183	1029	719	119	-254	-594	-433	16	432	330	23	225
409	-40	-814	-224	233	104	931	797	-425	-943	-262	121	212	578	250	53	-274
-619	-233	94	441	490	33	-156	204	248	241	104	413	605	112	45	165	53
-324	-438	-12	989	1298	949	586	13	50	-153	-684	-957	-721	-64	433	544	-529
8	854	504	-365	730	1598	1880	1757	1638	1233	550	244	637	439	-157	5	725
-346	-1872	-2821	-2334	-1659	-2417	-3108	-3178	-2736	-2279	-1781	-1490	-1424	-1410	-1435	-2954	-4601
-3407	-1180	887	1255	-1901	-4071	-3415	-4575	-3957	-2583	-1500	-676	386	1396	2132	2757	3048
2277	2505	2775	3898	5354	5028	5181	6480	4477	2599	2019	1718	2219	1883	841	61	1216
-569	-105	1077	1825	1456	1291	-450	-1861	-2227	-2407	-2541	-2264	-2140	-2056	-1757	-1591	-2174
-1655	-1182	-856	-647	-518	-658	-734	-507	644	1902	2059	1887	2368	2249	520	-2168	-203
1001	1555	1906	2486	2038	1646	2456	2855	2255	1155	-1890	-4456	-4217	-1837	-191	-396	1999
1564	1769	1650	1333	1555	1999	2506	2142	1470	399	229	730	-642	-2213	-1391	-265	1954
899	-660	637	1453	1917	747	828	951	291	684	2149	1914	386	308	200	-306	1542
-993	-950	-1405	-2342	-3045	-3182	-2923	-2172	-976	-248	-54	-103	-615	-869	-845	-404	-659
746	577	2618	4603	4350	2700	1794	2380	1000	-1875	-5362	-6765	-4123	-1953	315	1143	3593
3147	1469	61	-703	-502	-394	762	1109	-392	-3443	-2339	232	1225	1960	2466	2180	2568
174	-387	-1060	-1432	-420	-51	1545	3151	-26	-2213	-654	-1283	-1860	-2882	-3123	-1934	1681
2613	3063	3056	1212	-1426	-5213	-8523	-6426	-3758	-2111	-663	314	167	-176	-701	526	3725
4343	2848	3138	3652	2321	-186	-6782	-11481	-1433	-4365	-3964	-657	-5	-2269	-710	284	5571
4068	2420	548	-1867	-1465	-1678	-3151	-4165	-6989	-7075	-3087	-1368	-1667	-933	306	1490	-5083
-3158	2610	5044	3425	5100	8525	6029	-1052	-3481	-1475	-511	344	757	804	-53	-467	-2426
521	2520	937	129	-137	-1232	-658	129	-227	-2843	-1753	591	876	1162	1678	2228	-4561
-4203	-1770	1675	3350	3465	3532	3055	2868	2169	319	-1177	-1866	-1607	-29	1014	505	-963
-1605	-1737	-1565	-1034	-31	761	1256	1542	1720	1788	1068	-624	-2217	-3033	-1802	-568	1565
773	212	-48	-522	-643	-441	265	1022	1174	1302	1461	458	-656	-1643	-2022	-1696	130
676	1157	1532	1554	1303	562	868	1125	394	47	774	321	-742	-1006	-552	-393	1119
1123	938	-438	-1545	-1094	-1021	-936	-1128	-1247	-634	-417	-753	-822	-570	-395	15	1002
425	11	-168	-455	-794	-855	-687	-488	-172	205	379	434	695	1064	1035	674	-247
-41	313	357	11	-225	-242	-59	127	152	473	857	401	-115	-305	-300	-162	-162
21	236	226	128	-50	-117	-75	5	133	99	81	104	184	260	313	245	-100
-323	-440	-515	-276	32	-65	-167	-259	-254	-151	47	323	340	243	284	349	-313
-394	-339	-107	-99	-110	-52	-33	-47	-31	-118	-291	-54	272	326	274	151	-551
-430	-242	-239	-183	-90	-76	-59	-14	-38	-45	-9	-50	-163	-236	-216	-131	-145
53	120	124	82	-41	-31	126	202	283	307	147	-45	-258	-244	-93	-1	191
330	384	454	455	397	188	29	-45	-138	69	275	207	226	313	275	217	-40
-49	14	75	225	205	16	20	7	-13	-29	-25	37	96	94	32	-11	48
10	-56	-12	56	8	32	61	29	110	180	131	55	42	-36	5	-9	29
-5	-12	-42	-50	-84	-94	-76	-69	-55	11	175	175	11	-149	-291	-380	-162
-108	-105	-78	2	3	-106	-312	-479	-436	-160	31	47	21	-37	-132	-131	-151

-149	8	64	46	62	19	-48	-78	-16	99	213	276	293	286	186	-51	-271	-299	-203	-68
70	17	-58	-100	61	271	256	227	165	14	29	112	126	102	52	44	117	123	123	53
43	-4	-87	-164	-186	-162	-164	-178	-157	-155	-187	-43	193	203	105	26	-115	-73	160	263
158	58	15	-7	23	46	-3	21	34	48	57	58	53	23	21	-16	-124	-113	-131	-100
-125	-134	-23	-75	-83	61	14	-56	-102	-221	-217	-25	-4	-3	-54	-179	-81	-10	66	179
32	7	98	52	58	131	51	-56	-124	-195	-64	93	153	182	123	85	53	-93	-269	-354
-352	-251	-47	84	64	73	61	-65	-33	41	-3	-42	-103	-132	-155	-224	-282	-254	-126	7
160	168	92	42	-2	46	227	343	302	250	200	40	-239	-423	-458	-344	92	434	454	333
169	13	-144	-147	-83	-30	78	59	64	191	176	56	-45	-112	-206	-307	-210	-30	62	141
237	265	165	-4	-126	-165	-135	-71	-88	-62	41	83	182	134	2	75	135	32	-77	-167
-156	-8	147	218	220	156	51	-107	-215	-184	-189	-128	179	224	189	206	82	69	86	-91
-130	-125	-181	-206	-162	-108	-104	-21	80	186	308	337	133	164	-332	-303	-171	-41	14	122
133	58	24	-114	-61	75	109	166	151	68	42	-51	-122	-113	-85	-4	-49	-172	-205	-227
-211	-113	2	52	77	87	77	73	12	-54	-137	-218	-245	-190	-86	-7	-24	-56	-107	-121
-21	70	56	-56	-139	-191	-168	-148	-212	-128	-9	-93	-91	-8	73	86	21	-132	-222	-209
-43	151	231	150	133	35	-30	-32	-10	-37	-16	-6	43	138	175	178	153	60	-70	-119
-34	63	49	-5	18	-17	-35	-49	-41	28	73	98	135	148	143	206	204	68	-15	-75
-79	37	94	88	147	157	51	32	43	77	182	246	174	69	27	-76	-128	-116	-177	-215
-161	-16	158	321	423	427	264	43	-91	-191	-213	-159	-157	-79	-9	9	3	11	7	-23
-78	-57	-42	9	32	42	-16	-105	-141	-104	-17	12	-9	-18	-39	-44	-45	-39	-22	-40
-67	-86	-76	-60	-67	-55	-140	-150	-125	-128	-113	-65	-83	-35	27	3	21	84	56	-32
-62	-90	-102	-66	-118	-167	-110	35	164	301	295	205	77	-114	-188	-211	-145	-55	2	61
117	175	231	235	145	26	-74	-50	-6	0	18	-10	-53	-7	77	122	90	56	-5	-43
51	112	118	63	-53	-82	-72	-55	43	77	44	50	-16	-74	-78	-126	-147	-100	-32	38
64	-2	-71	-73	-49	-31	-28	-59	-49	-29	-45	-48	-38	-38	-51	-43	-12	4	21	57
37	-6	-33	-44	1	71	88	53	2	-43	-34	25	58	38	25	10	-28	21	122	105
-40	-12	-46	-65	-41	7	51	34	0	21	51	103	140	117	55	17	0	-17	-24	-14
4	10	37	81	97	95	96	67	20	17	19	29	44	23	-8	-34	-37	-24	-32	-73
24	26	27	22	24	49	37	-19	-48	-36	-16	3	9	6	2	67	85	37	25	-25
-185	-183	-115	-20	47	77	75	75	62	36	-32	-83	-109	-67	-12	31	49	71	105	102
57	24	15	35	45	70	36	-55	-45	-12	-11	29	40	-20	-36	29	72	116	123	42
-33	-65	-68	-30	3	43	21	-9	10	23	9	-11	-13	-17	-50	-37	-1	32	46	40
18	-5	-5	-24	-63	-59	-20	22	70	107	62	13	28	-56	-137	51	114	23	13	14
13	3	67	19	-102	-86	-83	-52	65	51	11	14	13	51	68	21	-16	-35	-82	-72
-26	-24	-16	-41	-52	-11	19	26	26	13	-48	-17	-37	23	52	5	-45	-59	-24	3
-26	-61	-86	-47	-21	-11	-7	-22	-31	-7	44	87	72	5	-82	-114	-43	25	48	100
66	-16	9	47	29	55	58	-82	-106	-2	37	58	156	34	-102	-116	-68	-22	67	69
-40	12	109	50	33	7	-93	-144	-26	63	20	116	82	-54	111	124	-178	-240	-36	-14
117	195	90	-31	58	51	-86	-94	-19	28	-17	102	202	-45	-62	14	-109	-201	164	62
-36	280	-74	-266	239	-43	-357	206	229	-414	-169	421	14	-237	340	170	-412	-244	-301	-828
-347	340	420	478	428	273	192	-281	-228	151	300	56	-80	-271	-204	69	3	-100	115	216
70	-116	-597	-148	143	219	-4	26	-128	-276	-220	-181	-271	-313	-355	-148	149	440	752	234
-247	-268	-597	-557	129	751	755	540	10	-492	-601	-320	-90	152	155	42	53	12	1	209
384	426	267	-145	-481	-617	-650	-105	70	141	84	276	583	571	111	-639	-1102	-758	-378	284
903	968	476	283	117	-319	-337	-21	223	-3	-256	-320	-315	-320	-107	156	334	314	265	289
169	78	-126	-302	-460	-568	-395	-76	101	177	243	258	137	22	-72	-132	1	53	78	136
110	41	-46	-121	-144	-132	-44	49	56	64	94	121	110	82	-5	-167	-270	-324	-260	-124
-90	4	88	74	104	-132	-14	-1	-20	-8	4	-7	-10	-1	-32	-86	-77	-21	37	78
98	135	133	39	-58	-91	-87	-132	-103	-10	20	29	72	70	17	17	1	6	10	65
52	20	13	16	46	71	76	51	-19	-118	-168	-165	-132	-52	6	1	-17	10	22	3

IIC041 71.001.0
STATION NC. 279
INSTR PERIOD = 0.0530 SEC CAMPING = 0.568
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
PACUIMA DAM, CAL.
EPICENTER 34 24 00N, 118 23 42W
CCMP S74W 34 20 06N, 118 23 48W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN C-070 AND 25 CYC/SEC.

PEAK VALS ACIN = 1054.9 CM/SEC/SEC AT 8.50 SEC VELO = -57.7 CM/SEC AT 3.14 SEC CLSP = -10.8 CM AT 3.22 SEC

INITIAL VELC = 1.62960 CM/SEC INITIAL DISP = -0.84170 CM

2086 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

327	56	-58	-43	224	80	-517	-419	117	200	92	-370	-257	411	499	-17	-241	-68	-62	-345
-379	323	750	212	-631	-445	230	441	-153	-553	-619	-265	665	1287	256	-1132	-1213	-501	223	1047
984	-103	-933	-949	-271	545	686	100	-572	-854	-744	171	1174	1216	114	-1287	-1442	8	1478	1524
360	-891	-1048	-519	-275	-173	74	430	286	-305	-454	-39	527	820	445	-338	-741	-680	-604	-408
109	717	700	116	-14	419	560	18	-6	1276	1735	700	-698	-1165	-950	-772	-1194	-1567	-2241	-1159
657	1674	1539	1051	556	1105	568	662	329	-221	-488	-187	609	614	79	731	1361	1207	1358	1937
1858	1837	2166	1911	1258	483	-425	-1497	-2261	-2256	-2247	-2902	-3162	-2785	-2887	-2596	-1508	-851	-284	-506
-749	-1084	-1033	-334	-1038	-1413	-1784	-1189	-674	-1448	-1401	-1384	-1745	-2155	-2245	-1367	-515	222	1347	3383
4889	3868	3196	3682	3620	3756	4534	3590	1565	353	-589	-1200	-1254	-1501	-664	1681	3770	4593	3932	2984
994	-501	-1373	-1300	-1407	-557	322	231	-315	-934	-1022	-1012	-599	-944	-566	-1065	-1307	-1326	-1375	-1911
-2438	-2254	-1120	238	1212	1796	2145	2423	2268	915	-577	-947	-522	26	-325	-1445	-2339	-2438	-2533	-2035
-799	172	574	438	404	-76	160	1086	1959	419	-453	504	1354	802	-734	-1401	-1054	-535	360	128
21	-930	-2126	-1012	346	340	237	1065	2055	3359	5351	2904	-3102	-5766	-4165	-2760	-728	459	1446	3159
487	-1956	105	1219	1065	1262	1353	530	451	359	113	-385	-982	-1423	-855	1048	1747	1026	-292	-920
-440	-747	-1565	-2090	-2187	-1926	-1554	-1174	-1832	-2983	-3991	-4465	-3086	-618	1065	3020	5739	6499	5034	3164
1874	2504	4956	4579	1685	-358	-1770	-3771	-6385	-5692	-4452	-2902	-1204	1308	324	-1395	1107	4066	3907	1249
-1244	-1512	-1112	-952	-606	1140	2715	2232	-574	-1073	-680	-929	-951	-494	-186	650	1867	3369	2670	-1274
-2778	-2814	-3032	-425	1541	2131	3678	2005	-884	-439	-902	-1257	-1205	-1078	-666	-191	80	-523	-325	947
1402	1518	1651	937	279	-1562	-2314	-1154	-564	-116	-304	-1012	-208	1700	2858	3341	2906	2208	2208	2465
673	-635	-1384	-2234	-1699	-842	-1988	-1699	-605	-894	-532	-1025	-3032	-2796	-1208	-34	166	503	1665	641
665	5914	5558	5892	3084	1112	-2109	-5582	-7659	-5830	-4414	-4640	-5546	-6317	-4536	-2228	-705	2074	2178	794
2543	5201	2270	1308	6155	10549	8118	2668	-456	54	245	-465	-1030	-2735	-4992	-4850	-2637	-334	2383	3610
1004	-1712	-1351	304	1584	2833	3799	2162	-2235	-3268	-1094	-1395	-2788	-3135	-2812	-2831	-2576	-2363	-231	2844
4717	3399	1349	-101	-176	-897	-1403	-1330	-152	1700	3362	3843	1677	-1233	-1830	-1571	-768	392	1160	1101
111	-1018	-1861	-1863	-1205	-229	414	298	113	237	605	1148	1175	522	-738	-1561	-2242	-1844	-1302	-215
1013	1993	2272	1101	-254	230	1015	828	917	460	-709	-941	-476	-334	-446	-792	-1245	-1530	-1275	-477
243	563	900	1580	2239	2518	2002	255	-826	-337	-312	-725	-648	-157	-426	-771	-210	250	553	1286
1938	603	-1058	-953	-1166	-1360	-1463	-1401	-794	-138	21	-25	30	76	185	270	584	1009	1251	912
110	-288	-465	-758	-701	-533	-592	-472	-178	-17	293	525	569	807	881	359	-106	-495	-1052	-1312
-980	-266	231	225	249	377	382	340	458	762	491	-241	-400	-338	-263	-22	45	56	213	348
481	513	275	-128	-372	-388	-142	165	177	82	195	396	621	666	424	137	169	173	-36	-241
-340	-238	-12	31	-101	-69	40	176	354	348	142	-55	38	453	751	786	528	172	173	-68
-355	-366	-517	-743	-665	-226	250	400	357	195	85	-6	-275	-377	-345	-290	-136	-204	-239	49
252	110	-242	-455	-374	-178	-51	-276	-446	-275	-53	109	-104	-335	-208	39	92	-134	-356	-536
-510	-314	-138	3	99	80	36	98	122	68	152	52	-182	-274	-278	10	192	146	119	71
116	170	207	240	122	-115	-218	-286	-282	-137	-43	121	345	349	124	107	207	173	98	-70
-135	-106	-9	13	-35	54	81	-25	-153	-179	82	283	171	91	68	28	-77	-157	-154	-55
-12	-1	-29	33	203	294	268	332	287	46	-75	-177	-243	-132	-73	20	139	185	185	206
172	69	19	-17	-77	-105	-92	-72	-78	-48	55	107	45	-97	-141	-173	-225	-189	16	184
-8	-246	-191	-5	140	118	-45	-191	-215	-203	-100	53	27	-101	-214	-171	-59	-23	-95	-133

-91	-116	-47	103	217	209	17	-93	22	17	-49	-37	83	205	205	-216	-281	-191	37
150	73	-52	-96	-8	62	190	219	63	-119	-170	-55	-9	-23	-86	-67	96	57	16
-30	-43	-19	-82	-171	-187	-136	-73	-65	-106	-109	-129	-124	23	189	228	144	2	73
113	111	110	61	39	13	53	128	48	-52	-62	143	351	341	132	-94	-50	58	101
-54	-50	-40	49	184	177	165	35	-107	-73	-62	71	71	-58	-102	-62	-3	57	7
65	-152	2	-118	-139	-30	119	49	-128	-139	5	152	238	132	51	-40	-146	-21	-132
-247	-167	69	216	223	149	26	36	-38	-174	-227	-183	-29	-18	-183	-234	-80	-212	-193
-101	87	180	162	164	112	-1	-85	-60	-30	-28	-108	-300	-395	-272	-12	161	126	110
45	-155	-325	-221	-22	131	252	258	13	-259	-270	-158	-38	-30	-51	30	78	-49	60
181	218	112	-53	-95	-9	117	119	15	5	91	177	124	15	56	78	-61	-62	31
152	172	154	168	191	138	16	-57	-132	-216	-121	77	124	164	206	140	84	-107	-41
-121	-236	-214	-215	-308	-185	62	165	157	166	129	126	12	-136	-175	-145	-128	-146	-7
163	198	61	-4	1	21	73	74	156	245	124	-62	-175	-168	-33	51	24	4	-1
17	87	145	135	85	56	78	56	75	77	19	-62	-96	72	72	57	45	24	-12
-50	17	174	227	-55	-366	-378	-253	-3	79	-1	54	64	-87	-219	-127	21	27	-176
-105	58	159	211	149	31	-28	-67	-136	-173	-184	-115	7	167	258	318	185	-2	-81
42	-27	-75	-74	-71	-26	-22	-40	-11	104	258	315	176	-26	-14	35	93	82	-22
-117	-81	29	110	95	129	180	163	53	107	136	76	-77	-199	-227	-139	-14	-9	69
52	65	158	227	202	122	40	-36	-144	-236	-233	-175	-115	-75	-45	3	24	-7	-19
-3	-32	-36	37	65	4	-67	-107	-114	-81	-44	-32	-16	-26	10	33	26	41	73
23	-56	-96	-82	-60	-81	-86	-94	-107	-53	5	43	70	45	27	22	-20	-22	58
-4	-168	-217	-70	142	162	56	-5	23	47	22	45	-14	-45	-62	-108	-96	54	106
106	39	19	65	131	110	-2	-69	-62	-4	15	-93	-56	-68	37	150	224	193	42
-60	-51	-40	-67	-11	40	28	34	67	118	107	-3	-56	-13	-6	-10	-44	-96	-54
-5	-12	-30	-37	-45	-54	-43	-2	8	-54	-93	-54	10	-16	-52	-56	-28	15	-7
0	-16	-6	21	-2	-19	0	4	-32	-71	-80	-64	-18	70	125	92	13	-56	-86
-42	-23	-36	-90	-112	-52	55	127	86	19	41	72	51	12	-22	-34	-74	-98	-35
-43	9	84	90	8	-14	22	55	81	62	37	12	-28	-51	-51	-53	-50	-58	-9
74	144	123	55	43	4	-62	-94	-73	-36	13	73	89	62	40	-8	-60	-35	-14
-78	-87	-54	-66	12	54	77	11	-17	-5	16	0	-54	-78	-88	-52	-7	2	13
13	-54	-97	-27	45	37	10	16	-47	-131	-124	-56	5	60	139	128	45	24	-27
-12	-59	-57	-65	-4	17	19	24	34	48	39	21	-4	-22	-30	-49	-48	-10	38
50	56	47	33	17	-4	-21	-28	-21	4	40	28	-30	-36	25	64	40	18	-44
-123	-46	16	-4	-43	-87	-10	67	17	-19	-41	-13	37	44	82	86	20	-40	-73
19	1	-17	-1	5	24	51	54	87	55	-25	-92	-105	2	117	150	78	-1	-13
15	-22	-86	-130	-131	-53	45	46	-8	-39	-9	25	-14	-80	-55	0	21	20	36
121	46	-74	-54	49	-53	26	113	114	-15	18	150	68	-43	11	58	47	67	77
-20	-58	-29	4	32	72	52	4	-32	-37	65	61	11	-12	-65	-63	-32	-33	-24
80	142	145	107	56	27	79	77	-44	-65	-7	126	139	82	-55	-80	80	172	57
20	-35	-12	1	-152	-65	124	-10	-142	-93	-156	-429	-358	-155	-216	-148	24	58	113
-334	-355	110	699	847	585	-97	7	389	31	-208	-158	-298	-415	-426	-338	66	438	318
77	-109	-379	-542	-438	-121	238	249	-106	-222	-210	-107	126	102	-78	-130	-168	-183	-85
646	151	-357	-424	-85	157	507	800	543	-55	-394	-622	-391	250	417	158	-152	-321	41
607	466	-316	-566	-280	66	517	122	-554	-587	-102	372	452	412	101	-256	-304	-445	-245
326	394	633	356	-63	-411	-650	-374	23	-45	-115	39	205	237	200	162	45	1	153
71	-159	-268	-311	-285	-5	204	61	-58	-54	56	230	113	-62	-175	-64	103	183	112
-64	-17	-54	-120	-171	-4	225	301	256	72	-50	-39	-39	-59	-171	-245	-165	-54	64
107	55	-4	-18	-50	-67	-103	-101	-51	-85	-134	-55	19	107	114	84	65	69	95
136	87	-32	-143	-191	-179	-99	1	99	129	89	52	70	104	45	-103	-169	-101	26
111	157	145	90	45	23	9	8	1	-33	-65	-68	-19	9	-25	-50	-1	63	55

[illegible]

IIC041 71-C01.0
STATION NO. 279
INSTR PERIOD = 0.0520 SEC DAMPING = 0.588
SAN FERNANDC EARTHQUAKE FEB 9, 1971 - 0600 PST
PACOIMA DAM, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 34 20 06N, 118 23 48W

PEAK VALS ACCLN = 696.0 CM/SEC/SEC AT 6.02 SEC VELC = 58.3 CM/SEC AT 6.12 SEC DISP = -19.3 CM AT 5.00 SEC

2088 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC									
INITIAL VELC = 0.93688 CM/SEC					INITIAL DISP = 3.17153 CM				
434	553	83	-803	15	844	-415	-398	175	-634
-1087	-150	750	1238	860	-964	-2383	-680	1231	1611
-360	322	1432	189	-382	110	-1053	-1206	818	1751
388	-1142	-971	362	328	-302	-410	-133	253	574
-136	325	752	-151	-549	25	680	503	-888	-756
384	-256	-881	700	1490	831	644	198	-660	-1843
-2117	-2858	-1852	-1471	-1905	-1310	-305	433	625	939
2925	1401	-352	-1145	-242	10	10	759	1939	2706
1115	2362	2513	2402	2898	4369	4779	3342	2126	1180
2555	182	-1204	-1293	-1058	-861	-412	54	173	252
-930	-964	-245	406	443	43	-220	-610	105	1309
-797	-948	-628	-494	47	374	746	1076	553	-233
307	1081	208	-357	-462	-277	-672	-613	179	1316
400	-1028	-1376	-53	1542	2280	1494	90	-66	797
-1077	-77	726	866	744	1402	2158	2386	1770	156
5348	6960	6047	4948	3589	1628	-963	-3167	-5423	-6287
-593	-1055	421	647	-935	-1901	-1957	-578	-646	461
-2152	-700	295	-76	-578	-986	-402	-24	61	-45
424	1233	807	-766	-1030	-306	-31	702	1571	289
1088	381	-1609	-3745	-3529	-1213	506	1777	3011	3660
-689	602	2398	4016	1686	-219	57	-1050	-3076	-2074
2144	1551	-804	484	3102	3021	2467	1283	-217	71
1157	-735	-1174	-784	-825	-570	304	1001	474	166
1892	3384	1619	-30	350	617	352	-484	-1738	-1444
654	211	-247	-103	286	112	-124	-98	-62	-478
-54	-205	-330	15	110	151	347	318	277	193
-272	-432	-491	-254	278	721	748	98	-519	-574
79	124	-136	-169	-88	-379	-575	-652	-430	-234
84	-159	-204	-160	-102	-14	58	25	-7	-14
-186	-33	-32	22	93	74	45	70	137	173
82	149	277	271	163	43	-43	39	174	119
71	54	108	115	6	-118	-137	46	261	391
92	55	51	41	-150	-273	-149	-34	-134	-154
-8	-64	-72	-133	-131	46	76	-12	-49	-73
-161	-170	-74	28	155	209	97	-12	-14	84
57	40	1	11	106	109	12	69	121	-21
41	-88	-58	-66	-15	94	189	205	153	56
-66	5	38	-24	-24	66	117	102	65	51
135	81	-39	-132	-92	-12	-31	-33	-8	-42
92	53	16	-7	-35	-47	-49	-4	11	-92
-470	-1355	503	1672	-555	-470	-1355	503	1672	-555
549	549	9	56	174	549	549	9	56	174
730	730	-300	641	1334	730	-300	-13	641	1334
-745	-745	-211	519	253	-745	-211	519	253	253
725	725	527	302	-300	725	527	302	-300	-300
-1703	-1703	-1443	-2069	-1361	-1703	-1443	-2069	-1361	-1361
-3648	-3648	-2347	-272	3032	-3648	-2347	-272	3032	3032
-2304	-2304	-3226	-2877	-424	-2304	-3226	-2877	-424	-424
-572	-572	-14	1649	4257	-572	-14	1649	4257	4257
-1465	-1465	-1259	-600	-431	-1465	-1259	-600	-431	-431
-1364	-1364	-1472	-488	428	-1364	-1472	-488	428	428
674	674	999	1042	-527	674	999	1042	-527	-1320
1271	1271	343	649	760	1271	343	649	760	1223
-730	-730	277	1285	671	-730	277	1285	671	-1127
-3685	-3685	-4141	-1189	815	-3685	-4141	-1189	815	2317
-3128	-3128	-1292	572	2635	-3128	-1292	572	2635	1591
-154	-154	686	1539	1586	-154	686	1539	1586	-663
1591	1591	383	-1661	-1630	1591	383	-1661	-1630	-1630
1931	1931	731	214	248	1931	731	214	248	1171
-171	-171	-935	-932	-811	-171	-935	-932	-811	-1423
-3361	-3361	-2160	-3856	-329	-3361	-2160	-3856	-329	-329
-4302	-4302	-3727	-1322	929	-4302	-3727	-1322	929	1626
-511	-511	-1272	-2328	-2075	-511	-1272	-2328	-2075	-572
33	33	37	-404	-74	33	37	-404	-74	515
482	482	27	-203	-169	482	27	-203	-169	-169
461	461	274	-250	-223	461	274	-250	-223	-223
-253	-253	-180	-141	-337	-253	-180	-141	-337	-240
-61	-61	-211	34	461	-61	-211	34	461	474
109	109	101	72	-84	109	101	72	-84	-281
135	135	81	43	35	135	81	43	35	82
229	229	128	70	41	229	128	70	41	59
94	94	73	-19	-58	94	73	-19	-58	6
-159	-159	-159	-253	-187	-159	-159	-253	-187	-31
36	36	105	128	107	36	105	128	107	-26
-44	-44	14	115	133	-44	14	115	133	87
39	39	73	114	162	39	73	114	162	158
99	99	147	47	-25	99	147	47	-25	-58
-10	-10	-19	-35	-16	-10	-19	-35	-16	76
181	181	13	-219	-155	181	13	-219	-155	9
-8	-8	-21	-28	-66	-8	-21	-28	-66	-74
-229	-229	128	70	41	-229	128	70	41	59
94	94	73	-19	-58	94	73	-19	-58	6
-159	-159	-159	-253	-187	-159	-159	-253	-187	-31
36	36	105	128	107	36	105	128	107	-26
-44	-44	14	115	133	-44	14	115	133	87
39	39	73	114	162	39	73	114	162	158
99	99	147	47	-25	99	147	47	-25	-58
-10	-10	-19	-35	-16	-10	-19	-35	-16	76
181	181	13	-219	-155	181	13	-219	-155	9
-8	-8	-21	-28	-66	-8	-21	-28	-66	-74
-229	-229	128	70	41	-229	128	70	41	59
94	94	73	-19	-58	94	73	-19	-58	6
-159	-159	-159	-253	-187	-159	-159	-253	-187	-31
36	36	105	128	107	36	105	128	107	-26
-44	-44	14	115	133	-44	14	115	133	87
39	39	73	114	162	39	73	114	162	158
99	99	147	47	-25	99	147	47	-25	-58
-10	-10	-19	-35	-16	-10	-19	-35	-16	76
181	181	13	-219	-155	181	13	-219	-155	9
-8	-8	-21	-28	-66	-8	-21	-28	-66	-74
-229	-229	128	70	41	-229	128	70	41	59
94	94	73	-19	-58	94	73	-19	-58	6
-159	-159	-159	-253	-187	-159	-159	-253	-187	-31
36	36	105	128	107	36	105	128	107	-26
-44	-44	14	115	133	-44	14	115	133	87
39	39	73	114	162	39	73	114	162	158
99	99	147	47	-25	99	147	47	-25	-58
-10	-10	-19	-35	-16	-10	-19	-35	-16	76
181	181	13	-219	-155	181	13	-219	-155	9
-8	-8	-21	-28	-66	-8	-21	-28	-66	-74
-229	-229	128	70	41	-229	128	70	41	59
94	94	73	-19	-58	94	73	-19	-58	6
-159	-159	-159	-253	-187	-159	-159	-253	-187	-31
36	36	105	128	107	36	105	128	107	-26
-44	-44	14	115	133	-44	14	115	133	87
39	39	73	114	162	39	73	114	162	158
99	99	147	47	-25	99	147	47	-25	-58
-10	-10	-19	-35	-16	-10	-19	-35	-16	76
181	181	13	-219	-155	181	13	-219	-155	9
-8	-8	-21	-28	-66	-8	-21	-28	-66	-74
-229	-229	128	70	41	-229	128	70	41	59
94	94	73	-19	-58	94	73	-19	-58	6
-159	-159	-159	-253	-187	-159	-159	-253	-187	-31
36	36	105	128	107	36	105	128	107	-26
-44	-44	14	115	133	-44	14	115	133	87
39	39	73	114	162	39	73	114	162	158
99	99	147	47	-25	99	147	47	-25	-58
-10	-10	-19	-35	-16	-10	-19	-35	-16	76
181	181	13	-219	-155	181	13	-219	-155	9
-8	-8	-21	-28	-66	-8	-21	-28	-66	-74
-229	-229	128	70	41	-229	128	70	41	59
94	94	73	-19	-58	94	73	-19	-58	6
-159	-159	-159	-253	-187	-159	-159	-253	-187	-31
36	36	105	128	107	36	105	128	107	-26
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39	39	73	114	162	39	73	114	162	158
99	99	147	47	-25	99	147	47	-25	-58
-10	-10	-19	-35	-16	-10	-19	-35	-16	76
181	181	13	-219	-155	181	13	-219	-155	9
-8	-8	-21	-28	-66	-8	-21	-28	-66	-74
-229	-229	128	70	41	-229	128	70	41	59
94	94	73	-19	-58	94	73	-19</		

-36	-49	-59	-29	-69	-102	-60	-38	2	31	0	-58	-127	-150	-66	-23	-70	-113	-103	-25
3	-48	-38	18	8	-6	85	142	88	16	-26	-89	-97	-24	17	26	50	65	81	91
45	-19	-26	9	20	3	37	127	176	161	156	-88	-50	-66	-8	30	82	146	57	-21
-62	-30	0	0	-34	-44	20	107	106	-27	-142	-149	37	241	208	49	-119	-182	-72	112
174	76	-54	-59	55	111	80	13	-46	15	66	48	88	49	14	25	-33	-73	-21	1
21	66	78	29	-35	-99	-48	38	25	-13	-19	-9	9	39	55	32	-24	-87	-67	31
111	87	-29	-21	82	72	-18	-49	-7	15	22	2	-58	-47	-18	-5	28	30	-3	-13
-73	-104	-37	33	80	101	12	-146	-197	-71	57	-55	-128	-142	-103	46	58	-10	-70	-21
38	106	90	-73	-152	-89	-76	3	120	70	-50	-49	-25	-54	-89	-42	28	62	70	35
-14	13	57	54	-5	-16	9	3	6	-15	29	121	72	-16	20	112	81	28	-28	-93
-43	53	64	7	10	47	43	4	-23	-63	-47	10	16	3	5	22	49	-18	-104	-108
-74	-71	-63	-11	-9	-50	-36	12	9	-13	12	11	-20	-18	-2	0	-10	-18	-24	-42
-21	-11	-15	-8	13	13	-15	-56	-71	-12	28	20	-2	13	1	-45	-15	56	50	-8
-47	-28	14	63	97	63	-12	-60	-46	-26	-59	-77	-59	-20	-19	-27	-27	-42	-33	7
-17	-92	-80	44	128	85	-27	-103	-108	-4	65	45	51	62	0	-68	-79	-21	27	12
-17	-27	3	28	6	13	9	1	14	39	35	25	20	-14	-32	2	49	7	-29	28
47	13	6	-24	-74	-62	40	95	59	-1	-12	36	89	124	65	23	-4	14	33	37
68	35	13	79	83	35	44	41	37	54	45	26	33	12	-21	-11	20	22	21	27
18	12	40	35	22	14	-13	3	27	-32	-84	-64	-40	-16	-20	-51	-45	-25	-27	-23
-7	9	-2	-23	-22	-14	-28	-66	-58	-15	-6	-44	-70	-78	-78	-36	-5	-21	-53	-50
-27	-17	-35	-63	-65	-39	-8	3	-21	-45	-54	-59	-33	-15	-8	57	67	-14	-55	-22
-1	-23	-55	-81	-50	51	98	71	15	-12	-1	-13	-8	-12	8	23	-5	-22	-14	23
58	36	-6	-11	1	13	33	9	-32	-29	-20	-44	-40	-14	-17	-29	3	39	13	-38
-52	-52	-46	-18	14	24	26	38	-17	-54	-20	-39	-73	-39	-8	-2	43	44	-10	-27
-20	-23	-8	17	26	2	-14	4	15	2	-11	-15	-12	4	22	3	-29	2	43	18
-18	-11	-8	24	56	25	-2	15	21	21	25	25	7	15	30	25	64	69	-17	-42
25	45	2	-30	-22	5	25	52	85	66	19	18	22	10	-2	13	23	-2	-9	4
-2	-5	12	18	13	2	-8	-13	-4	7	1	-16	-6	5	-8	0	12	4	1	-12
-31	-18	6	2	6	19	2	-15	-23	-9	22	26	-4	-9	31	21	0	20	20	-2
3	14	7	13	25	24	19	13	-13	-26	-19	-4	18	19	10	-1	-2	17	20	7
11	18	-12	-27	9	28	26	46	39	-4	7	22	-29	-25	25	41	38	41	26	-2
10	27	-5	-36	-31	-15	-3	10	-10	-29	-6	44	43	11	5	15	-3	-4	7	10
0	-5	2	-7	-13	7	10	-5	-16	-36	-62	11	90	-46	-162	-27	20	-20	62	96
-49	-102	-22	2	2	52	-3	-57	20	52	-3	-39	12	26	-8	-24	8	10	-27	-25
-11	3	53	17	-39	-9	9	-12	-7	-8	-8	13	18	-5	-40	-20	4	1	-21	-25
-38	-53	-22	-14	-35	-33	-9	16	11	-29	-49	-43	-16	15	-5	-26	2	6	-2	-4
-26	-7	39	23	-44	-33	18	-5	-27	4	11	-15	-83	-83	-21	-43	-54	-7	30	-54
-146	-57	35	-9	-20	-31	-61	37	189	107	-16	-16	-83	-88	51	46	-196	-11	192	74
5	-32	-56	-123	-20	-70	-126	2	142	86	-69	-79	-161	-154	48	67	-137	-39	237	109
-7	-64	-250	-52	194	-158	-193	320	283	-43	353	589	13	-218	52	-137	-295	3	117	40
363	360	-145	-371	-250	132	213	-74	-286	16	235	181	81	121	216	119	-273	-361	14	235
110	-28	-34	93	148	-113	-117	-43	-188	-222	-99	101	204	88	-46	-22	26	130	57	-103
29	215	248	194	81	-40	-115	-35	2	7	177	209	4	-312	-385	-71	170	197	12	-136
-1	157	201	146	-164	-284	-192	-41	166	170	-96	-67	110	73	24	-12	-75	26	155	62
-72	-78	62	166	26	-128	-49	87	46	-48	-63	-55	-130	-80	-18	-6	-88	-103	25	127
114	-4	-164	-243	-209	-140	-46	42	67	18	18	27	17	10	-35	-73	-37	-18	15	63
44	-29	-85	-37	-13	-46	-85	-67	-9	38	83	35	-63	-80	-44	-28	-64	-116	-55	-50
-20	-17	-41	-60	-52	-12	39	24	-15	-6	31	16	-13	-17	-13	-8	-1	-3	-15	-44
-5	68	80	21	-18	-24	-41	-56	4	53	49	38	60	53	18	22	26	0	-6	-8
-1	36	57	54	67	67	54	46	18	2	36	57	53	47	43	34	28	38	33	48

[illegible]

IIC042 71.C01.1
 STATION NO. 279
 INSTR PERIOD = 0.0530 SEC DAMPING = 0.368
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 PACCIMA CAM, CAL. AFTER SHOCK AT +52.6 SEC
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN C.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -27.1 CM/SEC/SEC AT 4.00 SEC VELO = 2.5 CM/SEC AT 4.12 SEC CISP = -1.7 CM AT 2.70 SEC

INITIAL VELO = -0.35674 CM/SEC INITIAL CISP = 0.20437 CM

633 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF C.C2 SEC

-2	6	8	1	-8	-12	-5	4	-5	-18	-17	-12	-7	0	5	-8	-20	9	12	-3
-2	-12	-25	-25	-15	-6	0	4	2	-1	6	2	-4	-6	6	16	10	-5	-25	-26
-2	5	-4	-19	-20	-24	-31	-20	-5	9	7	3	5	5	3	6	2	-31	-46	-21
-15	-5	-4	0	-1	-7	3	11	15	26	38	32	-10	-31	-3	24	-5	-29	-26	-18
4	21	21	-1	-3	20	29	16	-3	-15	-7	9	11	5	1	0	-7	-3	12	16
22	25	13	-1	-15	-7	24	32	20	5	-4	-16	-27	2	44	74	80	31	-45	-65
24	115	92	7	-38	-53	-51	-16	42	82	62	-27	-60	0	45	47	37	27	-4	-4
3	8	46	68	45	39	70	82	8	-57	-82	-50	-27	24	5	-25	48	176	126	37
-5	21	-7	-139	-129	-15	64	64	61	121	125	53	-5	-5	57	58	-13	-83	-115	-93
-30	52	231	188	-36	-179	-169	-33	62	37	102	174	91	22	44	54	36	3	-42	-151
-271	-174	71	202	243	177	25	-76	-99	-41	-58	-130	-33	31	-35	-51	14	50	48	2
-25	-43	-51	-54	-57	-31	20	39	14	-37	-75	-53	-22	-55	-14	4	81	74	5	-41
-36	-27	-34	-51	-64	-70	-57	-25	5	28	26	-1	-27	-36	-34	-15	10	17	-1	-28
-60	-80	-72	-50	-16	12	26	27	11	-14	-34	-41	-44	-26	-14	-29	-34	6	31	26
-1	-38	-65	-39	-11	-3	2	9	10	4	12	15	0	-21	-25	-11	-5	-12	-12	2
21	33	36	15	-19	-10	12	11	4	-6	-18	-30	-24	0	14	15	-5	1	-23	13
14	6	-1	0	10	18	17	-1	-8	13	25	23	19	11	-1	-12	-19	-21	-22	-19
-6	18	42	48	30	10	-4	-5	-6	-10	-16	-16	-5	6	25	20	-14	-31	-5	2
-13	-15	15	68	45	-36	-30	-4	-23	-44	-15	23	-5	-34	-23	-8	2	8	-4	-19
-24	-25	-9	-15	-33	-42	-44	-26	-9	7	11	-7	-34	-50	-37	-13	10	17	6	-5
-12	-9	3	7	5	-6	-20	-17	2	24	34	27	14	5	3	-2	-11	-9	-1	6
11	14	10	2	9	21	20	12	11	14	5	-4	5	21	20	14	9	5	0	-18
-63	-67	47	130	44	-84	-53	79	123	29	-52	-60	-59	-17	20	31	21	-3	-13	14
37	20	0	-9	2	9	12	9	-5	-17	-23	1	31	32	47	57	12	-20	-17	-19
-21	-24	-28	-21	13	33	24	12	-5	-17	-5	13	-3	-31	-20	8	2	-1	2	-2
-15	-36	-3	29	26	2	-57	-56	8	41	24	3	-12	-40	-23	46	51	7	-42	-62
-26	10	31	35	10	-20	-7	28	25	24	-7	-58	-59	-30	58	152	61	-93	-65	22
57	68	64	19	-36	-6	53	27	35	66	13	-62	-38	62	47	22	74	55	1	-20
-2	19	10	8	13	16	24	18	-1	-2	24	32	15	-7	-7	2	6	4	-2	1
14	22	19	8	-1	3	10	7	-6	-24	-24	4	21	18	5	-8	-19	-12	12	25
20	6	-6	2	4	-9	-10	-11	-17	-11	8	5	-5	-17	-16	-7	-7	-5	-7	-17
-30	-23	-15	-21	-22	-21	-21	-21	-13	-13	-19	-23	-19	-19	-19	-19	-19	-19	-19	-17

IIC042 71.001.1

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

EPICENTER 34 24 00N, 118 23 42W
 COMP SIZE 34 20 06N, 118 23 48W
 ACCELETOGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

STATION NO. 279

PACOIMA DAM, CAL. AFTER SHOCK AT +52.6 SEC

INSTR PERIOD = 0.0510 SEC DAMPING = 0.544

PEAK VALS

ACLN = -20.7 CM/SEC/SEC AT 3.04 SEC

VELD = -1.5 CM/SEC AT 4.90 SEC

DISP = -0.9 CM AT 5.76 SEC

INITIAL VELC = 0.24410 CM/SEC

INITIAL DISP = -0.16528 CM

633 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

	5	6	3	9	11	10	13	14	14	18	16	12	8	7	10	7	18	22	-2	-10
-1	-1	-18	-28	-29	-29	-18	-4	5	12	18	22	20	12	4	-8	-20	-23	-17	6	19
-14	-24	-32	-14	17	17	39	41	27	12	0	-18	-36	-33	-17	-20	-34	-29	-14	2	17
10	-24	-52	-47	-15	-15	-2	2	0	-6	-11	-16	-35	-40	-30	-20	-14	-9	-16	-25	-25
-28	-18	2	-1	-15	-4	-4	8	-1	-19	-35	-29	-36	-19	51	67	11	-38	-51	14	84
67	-36	-110	-74	24	24	81	78	-8	-64	-51	-43	-3	39	37	4	-2	43	2	-6	31
7	19	22	-15	-60	-60	-21	17	32	123	121	26	-103	-207	-118	40	112	120	40	-4	36
44	-36	-71	-39	42	42	83	58	4	23	43	21	26	10	-2	1	-21	-24	32	76	70
-6	-83	-131	-121	-12	-12	118	194	178	50	-68	-115	-176	-158	67	152	104	46	-98	-151	-94
-41	28	-2	-24	-6	-6	-22	-16	7	23	-5	-31	-42	-51	-82	-68	-22	3	10	15	24
-9	-52	-54	-29	0	0	20	6	-37	-64	-42	-32	-41	-29	20	71	79	50	11	-23	-29
-39	-58	-54	-37	-21	-21	-2	22	47	62	65	50	26	7	14	35	41	38	4	-44	-46
-7	35	47	21	-6	-6	-18	-7	12	16	24	19	4	-11	-2	26	47	51	31	-4	-29
-7	15	14	3	-6	-6	14	40	46	39	24	11	3	4	12	18	19	18	21	21	11
-2	-8	-1	14	22	22	11	-8	-17	-16	-10	0	11	18	29	27	17	5	-11	-8	2
12	21	23	23	12	12	-5	-12	-11	-2	0	-4	-12	-15	-12	-10	-7	0	3	-2	4
16	12	2	2	-9	-15	-8	4	3	-4	-7	-7	-7	-12	-6	7	-4	-23	1	12	-17
1	10	1	19	3	3	-27	-20	-4	-3	-4	-5	-11	-19	-20	-18	-24	-22	-11	-10	4
4	-8	-10	-13	-15	-15	-16	-3	3	9	5	-9	-18	-14	-10	-10	-9	-4	-4	0	10
13	24	21	6	-1	-1	1	4	6	9	14	17	15	9	6	11	17	20	24	21	4
-5	-12	-23	-16	12	12	29	22	10	37	46	17	6	18	-11	-30	-29	-7	13	43	87
87	-24	-114	-133	-55	-55	58	118	80	-13	-13	-50	3	11	-17	-46	-39	-4	-4	5	12
-4	-11	-19	-30	-33	-33	-8	32	60	39	-23	-60	-46	-24	-16	-4	8	25	39	35	2
-34	-52	-41	-12	15	15	30	23	24	1	-23	-23	-20	-10	4	14	13	3	-14	-18	21
11	-3	19	-12	-26	-26	-25	-16	-3	-1	-2	20	38	20	13	25	1	-21	-23	-12	17
24	14	13	4	4	4	3	3	-8	-18	11	26	18	6	-22	-64	-69	-61	26	112	78
-10	-64	-49	-20	-11	-11	-16	-21	-1	26	-2	-8	3	0	-13	-21	13	24	6	18	25
8	-13	-24	-3	29	29	27	4	2	13	10	-4	-15	-18	-11	-1	5	3	-8	-20	-13
14	26	19	7	-11	-11	-17	-24	-24	-10	-4	1	1	-1	5	6	-8	-12	-6	-10	-10
2	10	10	3	-19	-19	-35	-23	-11	2	2	-9	-18	-13	-5	-1	-2	-1	3	4	-4
-12	-13	-4	3	11	11	18	18	16	13	8	1	-1	-2	-2	-2	-2	-1	-1	-1	-1

II0042 71-001.1

STATION NO. 275

INSTR PERIOD = 0.0510 SEC DAMPING = 0.588

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

PACCIMA CAM, CAL. AFTER SHOCK AT +52.6 SEC

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 116 23 42W

CCMP DCWN 34 20 06N, 116 23 48W

DISP = 1.0 CM AT 10.46 SEC

PEAK VALS

ACLN = -8.2 CM/SEC/SEC AT 7.10 SEC

VELO = 1.1 CM/SEC AT 9.66 SEC

INITIAL DISC = -0.09507 CM

INITIAL VELC = 0.64461 CM/SEC

622 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

7	6	7	12	3	3	7	3	-4	-8	0	5	-1	0	1	3	14	27	1	-25	-9
-16	-12	-4	-1	4	-10	-20	-23	-6	-8	-8	6	-1	-9	-3	-6	-14	-14	-9	2	-4
-14	-2	4	-4	-13	-6	-3	6	-2	9	-2	-2	-4	-1	2	4	3	-7	-14	-18	-17
-11	-18	-2	21	10	-37	-36	-8	3	3	3	-8	-15	-5	-3	-5	-14	-2	2	-6	-4
-6	-9	-14	3	11	5	0	7	7	5	5	7	-6	-10	-5	-8	-10	-9	-14	-12	5
24	33	13	-16	-11	0	2	0	2	13	13	21	14	5	-3	-3	5	-1	-3	-4	-14
-17	-11	8	16	4	-19	-38	15	27	27	0	0	-19	-22	-16	3	13	-2	0	-5	-39
-51	-13	-5	-6	23	24	2	-6	-30	-40	-41	-37	-24	-19	40	39	2	-28	-25	17	26
-11	-28	-8	23	25	-17	-69	30	49	16	16	-24	-24	-19	28	15	-12	-4	7	5	-24
-25	12	29	17	1	15	33	49	37	-11	-35	-21	-21	-14	-35	-16	26	23	43	47	-12
-66	-37	27	36	-7	-16	16	32	15	-15	-32	-24	-24	-16	-6	6	18	22	20	10	-4
-6	18	14	-29	-23	34	47	10	-6	-21	-22	1	5	-3	-2	16	38	39	18	-13	-25
-17	-3	5	-1	-5	-7	-9	-6	1	0	0	1	-3	-3	-10	-16	-21	-19	-11	-3	1
6	3	-1	8	14	19	20	3	-5	-7	-11	-11	13	13	15	6	-8	7	6	7	5
1	-2	-7	-6	6	16	18	18	20	16	9	4	-1	-1	-5	-2	7	13	11	5	11
6	3	4	-1	-4	6	4	-2	-2	-2	-2	0	0	1	0	-1	4	9	6	7	7
2	-5	-2	5	4	5	-1	-1	9	9	3	5	5	11	10	6	9	5	-4	-8	-4
-3	2	4	7	11	13	5	-1	2	-3	-13	4	4	45	47	-23	-82	-18	39	-6	-15
-13	-14	29	28	-27	-23	3	0	-5	-4	6	12	8	8	7	5	4	8	5	5	9
5	8	3	-2	-1	2	4	-1	-1	5	10	1	-8	-8	1	6	5	-4	4	16	1
0	3	-2	5	-1	-10	-8	-7	-4	-2	-2	-4	-4	-3	-2	-6	-8	-6	-7	-9	-5
-10	-18	-4	14	12	-13	-20	14	11	-18	-7	-7	-4	-20	-8	10	16	29	25	-4	-40
-51	-22	31	42	4	-7	4	6	-4	4	12	12	2	3	15	32	23	-7	-3	16	21
22	19	30	35	31	22	9	-3	-7	-5	12	25	24	24	21	27	21	6	3	1	0
2	7	5	1	-2	-2	-2	-9	-7	4	6	-4	-4	-16	-27	-27	-25	-19	18	56	7
-29	-32	-31	-19	-1	-10	-26	-45	-41	-3	18	-24	-38	0	-11	-11	-37	-37	-30	-19	-6
-5	-20	-28	-18	-10	-7	-17	-23	10	20	-26	-66	-58	-6	-6	26	28	1	-17	-13	-6
-10	-14	-11	-12	-14	-14	-12	-5	-1	-6	-9	-5	-5	3	-6	-14	-18	-14	-7	12	7
16	0	-9	-2	-4	-12	-3	6	0	-6	5	4	-9	-9	-2	1	0	-7	-7	-5	0
4	6	7	6	4	4	4	3	1	2	5	8	8	10	8	2	-3	1	2	1	7
9	5	2	0	1	4	6	7	3	-2	3	9	6	-2	-2	1	2	0	3	1	0
-1	-3	-2	2	1	-6	-9	-5	0	-2	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5

IIC043 71.001.2
 STATION NO. 279
 INSTR PERIOD = 0.0530 SEC CAMPING = 0.568
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 PACIFICA CAM, CAL. AFTER SPOCK AT +69.6 SEC
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 CCMP S74N 34 20 06N, 118 23 48W

PEAK VALS ACCLN = -45.5 CM/SEC/SEC AT 2.90 SEC VELC = 2.7 CM/SEC AT 11.32 SEC DISP = 2.4 CM AT 13.04 SEC

INITIAL VELC = 1.79842 CM/SEC INITIAL DISP = -0.30343 CM

853 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-16	-18	-9	-7	-16	-25	-32	-33	-18	-15	-16	-15	-11	-5	-10	-17	-14	2	4	6
2	-19	-21	-1	15	5	-8	-11	-12	-18	-27	-27	-22	3	-2	-5	14	21	15	-29
-78	-56	18	46	26	5	0	-3	-16	-5	-3	-19	-11	-15	-40	-27	13	23	5	8
19	14	2	-8	-41	-68	-27	16	35	33	28	17	-7	-28	-46	-63	-46	-7	6	7
7	14	11	8	10	-6	-31	-38	-12	26	29	-12	-47	-45	-10	-2	-13	-32	-30	-30
-1	14	-13	-41	-47	-35	-24	-9	8	-9	-20	-11	17	21	-13	-45	-38	-6	4	-16
-23	-3	0	-15	8	56	70	104	110	-20	-232	-331	-246	-139	-77	15	216	375	312	83
-304	-237	157	305	-112	-455	-325	6	313	193	14	46	72	-15	-51	-65	-117	-169	-105	41
203	212	51	-135	-202	-108	95	134	14	-26	59	105	41	-73	-136	-95	-7	44	25	44
105	109	50	-25	-45	-28	8	44	58	53	24	-5	-39	-47	-18	18	21	23	47	40
-13	-48	-41	-39	-35	-19	55	142	101	-8	-53	-46	-8	-28	-60	-47	-44	-7	61	85
24	-46	-64	-36	7	15	-23	-56	-36	15	42	40	27	-5	-53	-43	-9	23	26	18
13	5	1	-6	-29	-23	-39	-33	-45	-21	-23	12	40	1	-40	-5	-1	-19	-1	-2
-1	25	19	-25	-40	-8	6	-33	-45	-21	-7	33	40	14	-7	-20	-5	-2	-2	21
37	52	43	6	-70	-165	-236	-191	51	207	121	57	55	121	181	104	-124	-209	-156	-36
0	20	97	57	15	29	77	29	-80	-112	-81	34	134	146	71	-76	-143	-53	47	42
16	-3	-12	9	39	43	18	-1	-17	-25	-32	-13	11	28	21	-4	-18	-3	18	28
18	-16	-48	-39	13	30	9	-13	-14	0	16	35	41	-1	-23	-9	16	12	-9	-31
-25	-13	-27	-30	-7	15	12	24	41	22	-5	-15	-19	-19	3	-3	-23	-20	12	37
25	9	-1	-17	-8	16	27	27	11	-7	-21	-12	4	11	7	1	-4	18	41	34
24	15	-6	-3	16	20	18	19	23	25	27	27	15	7	17	24	16	-4	-32	-38
-1	33	24	5	-5	-18	-15	7	28	31	28	11	-16	-20	0	10	-12	-25	2	10
-11	20	47	27	17	2	-13	-18	-32	-39	-19	16	37	20	5	-3	-5	8	24	22
-2	-25	-32	-17	11	28	26	3	-26	-25	6	21	28	17	4	5	13	19	16	5
-13	-15	8	11	19	14	1	14	22	13	11	16	17	3	2	11	6	10	5	4
12	8	-2	-1	-9	2	16	17	11	6	23	51	53	35	14	-7	-28	-73	-111	-21
105	112	-19	-30	111	128	39	-34	-63	-59	-30	20	37	54	78	61	8	8	-25	5
13	-25	-5	47	81	67	21	-28	-48	-11	30	48	40	14	13	32	25	12	11	9
-17	-20	15	36	35	16	7	-13	-23	-9	2	-8	-25	-35	-42	-36	-38	-14	33	29
-14	-33	-25	-17	-19	-25	-27	-26	-11	-7	-12	-5	-9	-16	-13	-9	-3	-8	-14	-15
-20	-7	-15	-18	-6	-9	-18	-26	-22	-14	-8	0	-6	-17	-17	-16	-14	-16	-21	-20
-22	-18	-13	-9	-5	-6	-3	2	-3	-19	-33	-34	-28	-25	-20	-8	1	-1	-11	-20
-18	-13	-9	-13	-19	-22	-22	-20	-10	-7	-18	-21	-15	-11	-10	-10	-15	-23	-26	-15
-1	-2	-5	-4	-5	-4	-4	-3	-7	-22	-24	-14	-7	4	7	-5	-20	1	11	-11
-26	-24	-13	-7	-6	8	5	-8	-11	-1	9	-3	-11	-13	-5	-4	-2	0	1	0
-6	-17	-10	2	-9	-13	1	-1	-4	15	13	-8	-16	-5	-14	-19	-9	-14	-16	3
12	10	11	10	11	6	-8	-3	-1	-41	-75	-76	-23	53	63	8	-8	32	61	23
-62	-83	-50	10	37	21	15	13	-3	-1	14	21	-10	-49	-49	-2	30	22	-31	-46
-5	33	21	-7	-8	-2	2	4	8	0	-11	-11	-14	-3	14	16	15	15	15	16
16	13	-3	-14	-10	-1	0	-8	-19	-24	-5	15	17	6	5	14	10	13	10	-7

-24	-33	-23	11	23	7	-8	-13	-8	-1	-6	-9	-7	-1	12	14	3	-7	-16	-7
-3	-14	-15	2	19	13	0	-12	-16	-10	-4	3	8	0	-2	9	11	3	-5	-10
-14	-17	-7	-1	-3	-1	5	15	13	1	-8	-1	5							

IIC043 71-001.2
STATION NO. 279

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
PACCIMA CAM, CAL. AFTER SHOCK AT +69.6 SEC
ACCELEROGRAM IS EAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
CCMP SITE 34 20 06N, 118 23 48W
ACCELEROGRAM IS EAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

INSTR PERIOD = 0.0510 SEC DAMPING = 0.544

PEAK VALS

ACLN = -51.4 CM/SEC/SEC AT 2.86 SEC

VELD = 2.0 CM/SEC AT 5.88 SEC

DISP = -1.7 CM AT 4.74 SEC

INITIAL VELC = -0.39076 CM/SEC INITIAL DISP = 0.53219 CM

851 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

11	5	3	4	6	3	5	5	1	-1	-4	-2	1	3	8	15	14	7	5
2	-2	1	-22	-23	-9	6	16	18	-3	-18	-2	-7	-7	30	38	15	-5	-7
10	13	-2	-18	-15	5	8	21	39	-4	-59	-66	-33	-1	11	14	15	15	6
-15	-34	-27	-41	-13	32	51	44	21	-9	-35	-49	-48	-30	19	37	-3	-24	-6
5	5	7	-4	-16	10	23	18	-3	-31	-22	5	22	16	12	-4	-6	13	18
4	-13	-27	-12	-2	1	11	22	8	2	2	1	-3	-11	12	34	22	18	5
-4	-24	-37	-15	-8	-102	-131	-56	47	142	144	34	-148	-252	-251	-167	120	358	435
320	88	-302	-253	77	212	-38	-194	-77	214	375	272	-40	-273	-294	-68	108	112	67
-3	-55	-14	35	32	-8	-38	-35	7	13	-18	-24	12	23	-25	-93	-97	-20	73
114	71	26	2	-9	-19	-28	-17	-4	-3	13	45	36	3	-22	-31	-2	11	-30
-37	40	34	-33	-36	8	17	33	68	8	-24	-24	-63	-48	5	21	51	74	36
18	13	-7	4	-24	2	46	41	39	19	25	23	-35	-41	8	20	43	61	71
32	-5	-5	-20	18	15	-9	-3	24	41	34	24	1	26	49	20	15	29	28
5	-18	-21	4	27	-12	28	10	13	15	26	9	19	23	25	31	7	10	0
-44	-60	-28	43	75	-45	-111	-152	-115	109	253	220	95	-25	-175	-198	-113	47	70
20	58	63	19	5	-11	-22	-21	20	57	15	-29	-40	-34	4	75	71	-30	-75
-47	-10	18	-4	20	51	34	-25	-60	-45	-13	-16	-28	-23	-4	27	20	1	3
2	1	-7	-6	-11	2	2	2	2	-2	-16	-32	-37	-34	-31	-33	-18	7	-3
-29	-59	-83	-62	15	10	7	15	-4	-10	-5	-10	-12	-15	-32	-38	-17	5	9
0	-3	-1	-2	1	3	-9	-19	-22	-23	-24	-30	-30	-19	-5	10	25	32	32
25	4	-16	-10	21	32	26	16	3	-12	-6	8	17	17	12	-5	-6	16	14
-6	-26	-30	2	4	30	38	34	5	-35	-23	-17	-24	-15	-14	-6	14	25	7
-13	9	21	18	17	1	-12	-24	-20	-7	-2	-8	-15	-14	-10	0	3	-10	-26
-27	-25	-15	5	-21	-25	-36	-37	-6	-2	-9	-12	-8	-2	-4	10	6	-17	-30
-35	-22	-4	6	19	-15	-6	-10	-19	-13	-7	-17	-19	-7	3	2	3	-5	-15
-8	-7	-7	-3	-3	-1	9	22	7	-6	-17	-18	12	42	65	65	41	-40	-132
-106	-36	46	123	37	8	-13	-19	-25	-46	-33	24	48	41	24	13	9	5	-18
-49	-28	4	16	20	22	22	14	-24	-51	-31	-13	5	27	25	14	1	-22	-29
-28	-34	-21	9	29	2	-19	-31	-24	-15	-15	-14	-6	8	4	-8	-6	-7	-17
-23	-14	-18	-8	0	-7	-13	-15	-13	-6	-7	-20	-17	-9	-5	0	-2	4	0
-10	-8	-10	-5	-2	3	4	8	15	15	5	-6	-12	-10	-4	0	5	12	17
14	8	6	5	5	5	5	1	-3	6	13	14	22	17	11	10	2	-3	7
9	7	8	8	8	8	8	8	8	8	9	8	7	5	5	5	7	14	21
17	12	14	9	7	15	-7	-7	-6	-4	4	8	6	7	30	17	3	-7	-4
10	17	27	22	3	1	1	1	11	11	13	6	6	7	7	6	4	2	1
4	10	8	3	1	4	8	11	11	9	9	9	6	3	3	1	0	11	16
5	2	-9	-20	-25	1	15	23	22	21	0	-61	-93	-65	1	81	98	42	-11
-20	7	3	-49	-78	28	85	79	23	-27	-52	-49	-24	11	24	11	-1	-2	7
7	-4	-20	-19	4	17	-2	-10	-12	-17	-22	-24	-20	-7	12	22	23	20	12
2	-4	-15	-22	-22	-16	-7	0	9	6	-4	-10	-4	12	18	14	3	-8	-14

-9	5	13	10	1	-8	-9	-8	-4	2	8	12	8	-4	-1	7	18	17	4	-4
-7	0	3	3	5	3	2	1	-3	-7	-6	-6	1	11	10	5	1	-10	-16	-6
-6	-14	-9	1	3	2	-1	-13	-17	-12	-16									

IIC043 71.001.2 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 279 PACOIMA CAM, CAL. AFTER SHOCK AT +69.6 SEC CCMP DCMN 34 20 06N, 118 23 48W
 INSTR PERIOD = 0.0520 SEC CAMPING = 0.588 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN C.070 AND 25 CYC/SEC.
 PEAK VALS ACCLN = 20.2 CM/SEC/SEC AT 2.72 SEC VELO = 1.1 CM/SEC AT 2.76 SEC DISP = 0.6 CM AT 5.38 SEC

INITIAL VELO = -0.36110 CM/SEC										INITIAL DISP = -0.14924 CM									
854 INSTRUMENT AND BASELINE CORRECTED DATA IN										MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF									
										0.02									
										SEC									
3	7	10	14	15	3	3	3	7	11	10	8	10	11	11	11	11	11	9	7
21	57	41	-6	0	-3	18	-12	-27	-54	-63	24	17	12	-1	-3	-7	-17	-42	-27
3	3	1	-6	-3	13	13	-11	-36	-26	-26	46	16	-24	-6	12	4	-14	-6	4
-6	12	22	11	6	-1	6	-12	-6	17	17	6	5	25	24	-3	-7	-9	6	-2
16	22	8	0	-1	1	13	21	4	-2	-2	22	3	17	4	18	-3	4	4	-21
-17	-28	-52	-42	-6	23	75	116	92	32	32	-146	-165	-92	4	111	202	181	15	-133
-132	-50	13	-16	-59	-66	-43	28	17	28	17	-1	-51	-50	-17	23	-29	-74	-77	9
75	42	-22	-57	-48	6	24	-22	-41	-4	-4	29	12	-61	-52	-8	29	28	20	29
21	-6	-26	-16	6	9	7	7	10	10	10	3	-6	-5	2	12	48	38	-63	-91
39	65	6	-37	-15	37	63	42	-10	-88	-88	60	55	19	22	0	-1	31	39	28
16	-1	8	40	12	-13	5	11	7	6	6	28	41	1	15	22	4	-6	-11	-17
10	43	17	-21	-2	2	-31	-16	3	-7	-7	-10	-7	-30	-23	12	-17	-25	-21	-16
-4	2	-9	-19	0	-5	-28	-26	-34	-39	-39	0	-9	-23	-23	-12	-34	-49	-37	-43
-18	20	41	58	18	-83	-99	-30	13	33	33	3	-39	-20	52	-13	-21	-7	-41	-42
-25	15	22	-8	-5	25	32	-5	-19	-14	-14	-40	-27	20	26	1	12	15	8	3
3	6	6	12	19	21	11	-3	-2	8	8	5	-4	4	17	10	2	10	20	11
-2	-5	1	5	14	4	-10	-2	10	12	12	6	-4	-6	11	3	6	-2	-15	-12
-5	-10	2	20	13	-4	3	13	-3	-7	-7	4	-3	-7	3	-3	-5	0	11	9
1	4	5	5	11	17	11	6	6	6	6	7	11	15	14	8	-2	0	7	3
3	3	4	4	4	3	-1	0	-4	-8	-8	2	8	5	3	-13	-14	-4	-5	-4
4	6	4	0	-39	7	6	7	-2	-4	-4	0	-4	-6	-5	-1	-2	-8	-15	-7
43	-19	0	4	-1	-8	17	14	4	0	0	-5	-5	-2	0	-2	3	2	3	-5
-5	-5	-5	-7	-12	-4	18	-17	0	9	-14	2	7	-8	-7	19	8	-9	-9	10
4	-5	7	-1	0	-4	8	15	-10	-14	-12	4	16	2	-5	6	11	9	6	10
53	26	-1	19	33	6	8	0	-16	-12	-12	7	24	21	34	39	1	-50	-64	-4
0	9	8	8	7	1	-4	-7	-2	2	2	7	11	8	4	17	2	5	10	-2
-12	-8	-3	-4	-5	-8	-13	-16	-10	4	4	5	0	-2	5	4	1	-7	-6	-2
-17	-21	-11	-5	-12	-11	-3	1	-2	-3	-3	-8	-13	-15	-16	-23	-18	-3	4	-8
-2	-16	-19	-7	-6	2	-2	-13	-9	-6	-6	-5	-5	-2	8	-9	-3	4	-7	-11
1	-2	4	9	1	-3	-1	0	-4	-8	-8	-5	5	-5	-4	12	4	-6	-3	2
6	5	5	4	3	3	-3	0	0	0	0	0	11	3	3	2	-4	5	14	12
4	11	5	7	7	13	-2	10	-1	15	11	6	1	10	6	-18	-4	3	8	-2
6	-3	-8	-7	-6	-1	2	-4	-5	-8	-3	4	-4	-2	-1	-3	-10	3	6	9
4	5	5	2	-1	2	4	2	4	5	5	-6	-3	-4	4	1	-3	-5	0	3
-11	-9	-3	4	11	14	14	12	-2	-22	-22	-30	-4	16	25	15	6	-5	-6	-10
-22	-16	-3	7	7	16	10	-3	-13	-7	-7	8	-23	-4	17	15	1	1	-6	-17
12	1	-12	-9	-7	-7	-7	0	-2	-6	-6	-6	-4	-17	-13	0	6	-4	-12	0
-3	-4	-7	-7	-7	-1	-1	-2	-5	-7	-7	-4	-4	-4	2	-3	-4	-1	-1	-2
3	3	4	4	4	3	-1	0	-4	-8	-8	2	8	5	3	-13	-14	-4	-5	2
4	6	4	0	-39	7	6	7	-2	-4	-4	0	-4	-6	-5	-1	-2	-8	-15	-7
43	-19	0	4	-1	-8	17	14	4	0	0	-5	-5	-2	0	-2	3	2	3	-4
-5	-5	-5	-7	-12	-4	18	-17	0	9	-14	2	7	-8	-7	19	8	-9	-9	10
4	-5	7	-1	0	-4	8	15	-10	-14	-12	4	16	2	-5	6	11	9	6	10
53	26	-1	19	33	6	8	0	-16	-12	-12	7	24	21	34	39	1	-50	-64	-4
0	9	8	8	7	1	-4	-7	-2	2	2	7	11	8	4	17	2	5	10	-2
-12	-8	-3	-4	-5	-8	-13	-16	-10	4	4	5	0	-2	5	4	1	-7	-6	-2
-17	-21	-11	-5	-12	-11	-3	1	-2	-3	-3	-8	-13	-15	-16	-23	-18	-3	4	-8
-2	-16	-19	-7	-6	2	-2	-13	-9	-6	-6	-5	-5	-2	8	-9	-3	4	-7	-11
1	-2	4	9	1	-3	-1	0	-4	-8	-8	-5	5	-5	-4	12	4	-6	-3	2
6	5	5	4	3	3	-3	0	0	0	0	0	11	3	3	2	-4	5	14	12
4	11	5	7	7	13	-2	10	-1	15	11	6	1	10	6	-18	-4	3	8	-2
6	-3	-8	-7	-6	-1	2	-4	-5	-8	-3	4	-4	-2	-1	-3	-10	3	6	9
4	5	5	2	-1	2	4	2	4	5	5	-6	-3	-4	4	1	-3	-5	0	3
-11	-9	-3	4	11	14	14	12	-2	-22	-22	-30	-4	16	25	15	6	-5	-6	-10
-22	-16	-3	7	7	16	10	-3	-13	-7	-7	8	-23	-4	17	15	1	1	-6	-17
12	1	-12	-9	-7	-7	-7	0	-2	-6	-6	-6	-4	-17	-13	0	6	-4	-12	0
-3	-4	-7	-7	-7	-1	-1	-2	-5	-7	-7	-4	-4	-4	2	-3	-4	-1	-1	-2
3	3	4	4	4	3	-1	0	-4	-8	-8	2	8	5	3	-13	-14	-4	-5	2
4	6	4	0	-39	7	6	7	-2	-4	-4	0	-4	-6	-5	-1	-2	-8	-15	-7
43	-19	0	4	-1	-8	17	14	4	0	0	-5	-5	-2	0	-2	3	2	3	-4
-5	-5	-5	-7	-12	-4	18	-17	0	9	-14	2	7	-8	-7	19	8	-9	-9	10
4	-5	7	-1	0	-4	8	15	-10	-14	-12	4	16	2	-5	6	11	9	6	10
53	26	-1	19	33	6	8	0	-16	-12	-12	7	24	21	34	39	1	-50	-64	-4
0	9	8	8	7	1	-4	-7	-2	2	2	7	11	8	4	17	2	5	10	-2
-12	-8	-3	-4	-5	-8	-13	-16	-10	4	4	5	0	-2	5	4	1	-7	-6	-2
-17	-21	-11	-5	-12	-11	-3	1	-2	-3	-3	-8	-13	-15	-16	-23	-18	-3	4	-8
-2	-16	-19	-7	-6	2	-2	-13	-9	-6	-6	-5	-5	-2	8	-9	-3	4	-7	-11
1	-2	4	9	1	-3	-1	0	-4	-8	-8	-5	5	-5	-4	12	4	-6	-3	2
6	5	5	4	3	3	-3	0	0	0	0	0	11	3	3	2	-4	5	14	12
4	11	5	7	7	13	-2	10	-1	15	11	6	1	10	6	-18	-4	3	8	-2
6	-3	-8	-7	-6	-1	2	-4	-5	-8	-3	4	-4	-2	-1	-3	-10	3	6	9
4	5	5	2	-1	2	4	2	4	5	5	-6	-3	-4	4	1	-3	-5	0	3
-11	-9	-3	4	11	14	14	12	-2	-22	-22	-30	-4	16	25	15	6	-5	-6	-10
-22	-16	-3	7	7	16	10	-3	-13	-7	-7	8	-23	-4	17	15	1	1	-6	-17
12	1	-12	-9	-7	-7	-7	0	-2	-6	-6	-6	-4	-17	-13	0	6	-4	-12	0
-3	-4	-7	-7	-7	-1	-1	-2	-5	-7	-7	-4	-4	-4	2	-3	-4	-1	-1	-2
3	3	4	4	4	3	-1	0	-4	-8	-8	2	8	5	3	-13	-14	-4	-5	2
4	6	4	0	-39	7	6	7	-2	-4	-4	0	-4	-6	-5	-1	-2	-8	-15	-7
43	-19	0	4	-1	-8	17	14	4	0	0	-5	-5	-2	0	-2	3	2	3	-4
-5	-5	-5	-7	-12	-4	18	-17	0	9	-14	2	7	-8	-7	19	8	-9	-9	10
4	-5	7	-1	0	-4	8	15	-10	-14	-12	4	16	2	-5	6	11	9		

-3	-7	-6	0	-6	-7	10	13	11	3	-2	3	6	2	4	7
-8	-3	-1	0	-5	-2	2	8	6	2	0	1	7	2	11	4
-8	-10	-1	4	4	2	9	-3	-4	4	3	0	7	3	11	4

IIC044 71.001.3
STATION NO. 279
INSTR PERIOD = 0.0530 SEC

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
PACIOIMA DAM, CAL. AFTER SHOCK AT +104.6 SEC
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP S74W 34 20 06N, 118 23 48W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -109.9 CM/SEC/SEC AT 21.02 SEC VELO = -5.6 CM/SEC AT 21.06 SEC DISP = -2.2 CM AT 7.84 SEC

INITIAL VELO = 0.13062 CM/SEC INITIAL DISP = -0.17112 CM

1545 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-15	-15	-13	-11	-7	-4	-4	-5	-4	-1	5	6	0	0	2	0	-1	1	4	4
-19	-1	-3	-7	14	18	-3	-18	-9	3	-1	3	10	2	-8	-4	11	27	5	-16
-42	27	-13	-25	-6	-19	-23	4	32	47	40	11	-29	-36	5	39	29	-1	-5	16
13	8	3	18	21	6	7	13	8	5	2	3	12	13	6	2	1	-3	-4	5
2	-7	-16	-10	5	15	7	-1	-5	1	13	21	17	4	-5	-1	0	3	6	6
-12	-9	-13	-10	6	2	-10	-23	-27	-11	0	-9	-20	-16	-15	-11	-18	-15	-8	-9
-11	-12	-66	17	92	76	-9	-106	-108	-30	45	36	-16	-8	17	11	-29	-70	30	44
-24	-43	-23	11	-3	-43	-56	-27	7	19	-3	-12	-10	-21	-24	-3	23	33	27	0
-35	-52	-49	-25	-13	-42	-46	-15	30	49	30	-13	-38	3	34	9	-13	-19	-17	-13
2	21	41	52	26	-28	-55	-17	51	51	-2	-50	-84	-79	-1	78	47	-38	-52	-15
16	25	1	-26	-30	-14	-18	-28	-9	-2	-10	-44	-39	-39	30	44	12	-6	-52	-52
-5	17	43	38	-12	-41	-26	22	11	-19	-17	-23	-21	-13	2	18	9	-8	-16	-11
-4	-15	-3	-6	-33	-12	15	28	11	-34	-52	-26	-1	48	37	-64	-86	-35	50	132
101	-30	-100	-84	52	217	148	106	-239	-251	-5	210	125	32	-23	-39	-35	1	45	57
-15	-22	-5	-55	-49	-20	38	106	97	45	43	62	44	-18	-69	-60	-26	-32	-55	-43
13	15	44	232	314	13	-151	-88	-121	-157	-158	-125	-38	150	395	479	187	-158	-464	-690
-363	564	873	366	-304	-431	-285	-221	243	426	85	-227	-290	-212	-64	105	177	294	237	-1
-116	-138	12	-6	-155	-82	47	140	-11	-131	-26	57	119	37	15	7	-36	-39	-12	44
102	55	38	-37	-94	-127	-104	2	65	68	112	105	42	28	11	-10	-5	8	-3	-23
-13	20	37	50	64	72	49	3	-22	-21	-19	8	1	-45	-65	-33	24	68	54	98
79	45	13	-5	-21	-38	-62	-50	-14	20	52	65	58	53	39	21	10	-17	-48	-55
-40	-33	-14	6	12	13	12	10	5	2	9	19	21	17	5	-7	-26	-43	-50	-36
4	38	38	28	15	-8	-24	-8	25	20	2	5	-2	-3	4	0	-15	-20	0	23
23	13	10	7	2	-2	4	10	19	29	20	21	22	-13	-26	-12	16	21	18	10
-7	-24	-20	3	3	-7	-4	9	16	12	-1	-16	-5	4	-4	-3	-10	-8	-9	-4
3	11	12	4	-3	-8	-21	-32	-18	1	18	13	-14	-34	-36	-25	-3	2	-2	-3
-9	-14	-15	-16	-12	-1	11	13	11	6	-5	-18	-25	-37	-28	-10	-4	-6	-13	-8
-1	-11	-28	-43	-47	-26	-12	-4	10	6	-3	5	20	23	-3	-24	-23	-14	1	17
14	-3	-3	13	28	36	23	4	-11	-16	-16	-15	-10	-10	-7	6	10	13	13	8
6	6	2	-8	-22	-16	-6	-10	-13	-14	-19	-21	-15	-15	-17	-17	-13	-9	-2	4
1	-6	-8	-2	3	-1	-8	-10	-6	-2	-1	-2	-4	-6	-11	-15	-15	-11	-7	-2
3	5	11	0	-18	-26	-25	-15	-8	-5	-8	-15	-18	-10	-4	-5	-9	-11	-13	-8
-1	-3	-11	-8	0	9	15	8	-6	-14	-11	3	8	6	-2	-13	-13	-7	-8	-14
-22	-30	-16	2	1	3	2	-9	-23	-17	-6	-13	-14	-13	-16	-16	-5	-17	-22	-30
-5	-1	-5	1	14	6	-19	-6	18	16	4	-2	-10	-13	0	12	-3	-6	-15	-25
-11	12	13	13	13	12	7	-2	10	-15	-16	-15	-19	-10	13	5	2	-6	-30	-33
-35	-10	12	-2	-18	-14	-2	11	14	-2	-11	-15	-8	9	16	2	0	6	16	5
-3	-6	0	18	28	12	-14	-22	6	28	16	2	-1	-1	0	0	0	0	0	4
16	2	-24	-2	18	10	5	7	11	6	8	5	6	14	15	9	6	2	1	-1

IIC044 71.001.3
STATION NO. 279
INSR PERIOD = 0.0510 SEC

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
PACOIMA DAM, CAL. AFTER SHOCK AT +104.6 SEC
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 116 23 42W
CCMP SITE 34 20 06N, 116 23 48W
BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACIN = 113.2 CM/SEC/SEC AT 21.10 SEC VELC = -4.7 CM/SEC AT 21.02 SEC DISP = -2.3 CM AT 14.50 SEC

INITIAL VELC = 0.10644 CM/SEC INITIAL DISP = 0.23106 CM

1545 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-11	-2	-6	-13	-8	5	11	12	8	3	-2	-2	-3	-6	-5	5	18	6	5	10
-3	-7	-8	-1	13	21	14	1	-13	-9	2	15	21	0	-3	2	-8	-25	-26	-17
-15	4	14	0	-4	-13	-24	-10	1	-13	-27	-15	-7	4	13	-2	-14	-12	-8	-14
-21	-22	-6	0	-11	-21	-20	5	-8	-14	-9	-16	-13	-14	-1	-1	-18	-26	-25	-19
-8	1	0	-10	-13	-16	-21	-21	-13	-7	-7	-14	-24	-26	-7	5	7	-1	-2	-2
-8	-13	-9	1	7	5	7	9	8	4	1	5	4	-3	-3	-1	-3	-1	2	0
14	16	2	11	8	3	17	12	5	4	3	2	-3	-1	14	33	14	-30	-20	3
10	1	43	37	50	23	-79	-72	5	22	52	54	32	16	-27	-30	-3	22	22	6
2	22	33	6	-10	4	11	7	4	-12	-29	-7	13	25	32	22	7	-8	-4	12
10	-6	4	28	54	34	-50	-76	-27	19	61	76	60	31	19	6	-41	-51	-30	-9
3	18	13	3	44	68	53	16	-33	-72	-47	27	31	-22	35	29	-13	50	35	-32
-12	-21	-13	35	16	-6	32	5	-41	-12	19	17	10	30	24	-11	-17	-11	-9	-9
4	29	33	31	-13	-18	25	-15	4	13	-39	-19	3	-4	15	32	3	10	27	6
2	18	-4	0	22	27	3	-14	-23	26	46	-9	-38	-31	-26	50	73	-48	-98	-92
-24	210	257	79	-152	-297	-195	29	146	64	-45	-41	27	100	71	-7	-48	-50	-28	-56
-22	39	-43	5	29	-55	47	72	32	36	-76	-131	28	34	-45	27	73	8	18	62
22	-77	-61	-3	-142	-141	-7	14	81	230	263	102	-87	-181	-334	-395	-49	309	300	182
137	-106	-610	-506	-38	332	650	388	-228	-605	-366	-28	158	250	82	55	78	-38	-115	-73
86	141	17	-3	-20	-102	-125	-77	-26	28	122	132	35	-38	-106	-68	52	53	25	11
-17	10	34	6	-24	-25	21	32	8	24	30	26	57	32	-33	-41	-37	-67	-85	-49
31	103	108	59	13	-26	-33	-4	-17	-69	-84	-56	-34	14	69	106	99	42	3	-18
-22	-1	7	-12	-33	-51	-31	-17	-17	14	28	28	34	47	44	4	-34	-78	-82	-33
0	20	30	16	4	-12	-19	-9	-4	8	18	16	13	4	-11	-31	-27	-6	23	32
37	24	14	11	7	-1	11	21	-12	-36	-2	18	5	-5	0	17	20	5	-7	-14
-13	-7	-14	-14	-2	-2	-18	-17	6	7	-3	-15	-21	1	5	-1	-11	-16	-12	3
15	17	8	-2	-3	-8	-9	-3	-9	-16	-21	-7	8	4	14	27	21	2	-13	-9
0	-5	-15	-19	-18	-9	2	-2	-12	-8	6	21	4	-31	-35	-16	5	5	-19	-32
-25	-16	-3	-5	-18	-18	-6	3	2	-6	-12	-13	-10	-10	-23	-36	-35	-16	-2	-1
-11	-22	-18	-2	1	-12	-15	-5	5	18	12	-7	-17	-14	3	12	1	-18	-25	-28
-23	-13	3	19	21	10	-7	-20	-29	-30	-25	-22	-14	-6	-6	-13	-9	8	23	25
13	-5	-18	-26	-21	-6	4	2	-2	9	19	5	-14	-17	-3	10	5	3	-4	-19
-17	-5	6	7	-6	-2	9	6	5	7	-4	-23	-22	-8	7	15	9	0	1	10
6	-8	-23	-22	-18	-17	-19	-19	-13	-2	12	21	21	11	-4	-15	-13	3	6	-4
-22	-22	-12	-2	-1	-11	-2	19	12	0	-2	20	9	4	8	-2	-8	1	4	-7
-4	9	13	18	21	15	9	0	-6	-7	-16	-21	-14	-2	2	-6	-3	8	7	1
8	16	8	2	13	16	26	47	30	-2	7	16	18	34	34	11	-1	23	40	34
20	9	10	26	34	19	7	7	2	-4	11	15	8	16	20	0	4	15	17	11
2	-3	1	12	26	36	34	15	1	-1	4	18	30	28	18	20	18	2	-11	-12
0	15	14	-4	-12	0	10	10	-2	-5	6	0	-6	-3	-6	-1	12	5	-27	-20
1	-10	1	15	-7	-20	-9	3	5	-8	-21	-20	-20	-15	-7	-3	4	-1	-16	-17

-2	10	6	2	6	10	24	26	17	1	-6	4	15	21	15	19	15	5	-2	-1
12	24	18	15	22	19	15	15	22	11	-3	5	20	24	15	2	-7	-3	1	6
14	22	23	19	22	23	10	0	7	8	-1	-10	-8	10	15	24	15	7	-13	-21
-3	27	41	10	-21	-14	-12	6	20	-8	3	3	-7	-15	-2	16	21	10	-6	-16
-16	-12	-5	7	18	7	2	3	-3	4	3	-5	0	18	21	-7	-22	-22	-12	5
8	-6	-7	-6	-4	0	-1	-5	-11	-17	-8	7	-3	-17	-14	-12	-18	-10	-6	-8
-8	-1	6	-3	-1	2	-11	-8	-6	-8	-2	2	0	1	-11	-30	-16	15	30	17
-11	-25	-16	-1	-7	-19	-13	0	7	2	-4	-4	-7	-28	-27	6	-31	-60	42	13
-26	68	-54	-50	109	-106	-69	201	-67	-75	187	-120	-186	43	-15	-50	28	44	53	43
24	13	15	-25	-67	-36	18	-12	2	-4	-24	4	69	56	5	26	-5	-104	-112	15
44	-4	30	-23	-27	48	33	19	-98	-142	-59	-16	56	51	35	31	8	-49	-28	-17
-77	-53	-13	22	42	33	67	43	-65	-115	-80	-53	46	61	69	87	114	93	43	-35
-202	-252	158	371	241	-56	-528	-969	-714	-352	-261	-188	215	480	924	1132	808	286	413	-104
-833	-657	-770	-436	40	155	224	450	368	82	38	251	146	46	55	-263	-474	-205	-271	-179
-18	145	287	157	-12	-13	117	248	216	-8	-209	-263	-236	-190	-148	-103	-55	-16	55	107
116	101	132	140	73	28	-15	-10	50	84	61	-27	-117	-137	-100	-74	-25	62	90	101
77	-11	-106	-125	-106	-82	-71	-24	30	44	96	139	71	-33	-60	-12	75	125	94	11
-63	-113	-86	-34	13	59	73	84	70	22	-49	-128	-192	-178	-95	-22	41	82	75	29
-20	-5	56	93	102	54	-18	-46	-46	-35	-16	13	-7	-40	-32	-28	-28	3	33	32
16	-1	-16	-25	-24	-20	-2	42	56	51	67	46	-6	-9	-25	-47	-38	-41	-52	-30
3	0	-13	-3	20	45	72	75	52	45	50	37	-13	-67	-101	-96	-57	-31	-2	9
3	7	19	30	33	27	23	9	-25	-58	-81	-91	-73	-18	53	-78	63	33	14	3
-7	-20	-40	-48	-32	0	32	44	31	12	-3	-6	6	9	-9	-18	-31	-47	-38	-10
28	61	64	55	49	32	17	3	-26	-32	-26	-20	4	15	15	5	3	2	11	34
57	63	47	18	-16	-52	-77	-75	-43	-7	16	24	24	14	20	34	-2	-40	-28	20
56	41	-18	-17	20	4	0	2	-9	4	36	37	19	-9	-25	-34	-23	-9	-6	5
31	39	28	-4	-3	40	24	-4	-23	-31	-41	0	23	34	25	-1	-25	-16	15	9
-4	-8	-6	-8	4	36	36	0	-23	-28	-17	3	16	17	15	11	-1	-8	6	28
29	3	-15	8	44	49	32	-2	-45	-32	-2	13	12	8	6	19	23	-5	-6	-16
12	15	-10	15	-47	-49	20	62	86	93	51	-9	-42	-68	-71	-43	7	35	28	17
21	28	28	23	-3	-29	-18	-7	-17	-34	-57	-58	-38	5	45	31	-11	-9	16	41
34	-13	-13	-25	-31	-22	-8	4	15	24	19	3	-15	-5	15	18	1	4	12	-2
-18	-24	-17	2	19	10	-24	-30	-3	12	4	-13	-27	-27	-12	14	22	-7	-43	-47
-13	10	15	14	-8	-31	-20	14	39	46	33	-4	-33	-33	-8	47	95	62	-15	-70
-64	-51	-6	40	35	17	27	49	34	6	-19	-35	-33	-15	-13	10	35	23	-6	-11
6	22	13	-7	-16	-6	1	-15	-33	-27	0	22	28	23	-5	-16	1	7	-1	-2
-2	-18	-25	-22	-11	-5	-3	2	7	-16	-21	-10	-2	5	15	12	3	-7	-4	14
20	13	20	14	4	-5	-8	2	7	-16	-21	-10	-2	5	15	12	3	-7	-4	14

71.001.3

STATICN NO. 279

INSTR PERIOD = 0.0520 SEC

LA

SAN FERNANDO EARTHQUAKE

PACUIMA DAM, CAL. AFTER STOCK AT +104.6 SEC

ACCELEROGRAPH IS BAND-PASS FILTERED

EFICENTER

OFFICER	34	24	00N	4110	23	48W
COMP	34	20	06N	118	23	48W
DDM	34	20	06N	118	23	48W

PEAK VALS

ACLN = -40.5 CM/SEC/SEC AT 20.86 SEC

VELO = -2.0 CM/SEC AT 20.90 SEC

DISP = 1.0 CM AT 29.00 SEC

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INITIAL VELO = 0.60082 CM/SEC      INITIAL DISP = -0.13153 CM
```

INITIAL DISP = -0.13153 CM

1546 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

3	-13	-11	-7	-6	-4	-2	-2	3	7	0	-6	-7	6	-21	-17	11	-2
-13	-11	0	1	-6	-11	-6	2	-5	-4	-3	-13	-8	-10	-3	0	-18	-18
0	5	5	-5	-12	2	6	-6	-2	0	-11	-1	10	4	-6	4	7	1
-5	-8	5	7	-1	-8	-14	-6	3	-1	-8	-6	3	6	3	-1	5	5
8	6	6	2	-5	-3	-1	-5	-5	-6	-7	-8	-6	-4	-1	-11	-3	-3
-4	2	4	-1	-8	-10	-3	-6	-12	-7	-4	-7	-6	0	-4	-10	11	11
10	-23	8	-7	-2	-5	-15	-7	-45	-8	-11	6	19	9	-32	-29	55	63
-19	15	47	28	-43	-61	-18	17	45	14	-24	-26	-12	17	-5	2	4	-4
-2	6	9	2	-9	-11	7	10	-14	-12	10	16	3	-8	5	7	3	-3
0	7	14	11	1	0	8	20	18	-2	-6	7	17	15	1	18	1	1
11	6	17	3	-17	-6	7	-2	15	49	14	-70	14	17	-32	28	11	-4
1	23	30	4	13	10	-34	-18	36	24	-20	2	22	10	-5	28	11	-4
-3	17	-15	-18	26	6	-25	7	-7	-23	8	13	7	-10	-1	21	3	-11
17	26	-35	16	39	21	-3	-1	-7	-65	-55	35	64	14	-13	9	-3	-28
15	-50	5	32	0	-72	-83	-16	65	-27	4	29	12	2	-38	8	66	34
23	-13	3	-18	73	85	-30	-59	-84	-5	56	29	-56	-21	-35	26	-55	-62
-96	-68	38	-24	-8	-69	-50	171	220	-29	-164	-46	-44	-50	95	-76	29	-62
190	278	31	-162	-77	79	200	65	-90	-18	78	-43	-128	-107	154	-17	-267	-181
52	78	-2	-86	17	93	12	-103	-29	-18	76	-24	-42	-92	87	45	-74	-27
39	44	6	-51	3	44	1	-9	15	7	55	-24	-19	-4	29	13	3	10
33	-5	11	25	0	-1	1	-28	-13	30	37	11	-6	-12	17	27	7	-7
9	0	-30	-5	11	11	-10	-4	17	9	-6	3	12	4	-3	0	11	4
-8	1	12	-14	-13	1	0	-4	8	13	1	-7	4	2	-7	-1	7	6
0	-10	-11	0	-5	-3	9	-1	-6	3	-11	-15	-5	-6	-9	21	25	17
13	-3	-12	-5	0	0	4	8	5	-2	-8	-3	-1	-7	-4	-4	-7	7
-2	-11	-1	-2	3	14	6	-2	-1	-2	3	5	2	-1	-11	-11	-7	-5
-11	-8	-7	-2	-1	-3	-2	2	6	-2	7	-5	-6	3	3	1	7	8
1	-3	-8	-7	0	3	0	1	1	1	-1	1	2	2	4	5	7	-1
-1	3	-4	-2	-6	1	8	11	12	6	-1	3	5	3	-2	8	3	0
5	-1	-5	11	14	10	5	4	5	4	1	-2	-1	4	-4	6	4	0
-2	3	8	6	7	0	-2	1	-4	-7	1	2	-1	5	-1	-4	4	11
10	8	-6	-6	-2	-2	-1	3	0	0	4	7	0	-7	-3	-7	-1	3
-2	0	2	-6	-2	-5	-1	0	-8	-7	-3	-1	-1	-3	0	-12	-14	-7
-6	-5	3	-9	-4	16	8	-17	-13	5	4	-2	3	-10	-12	-7		

1	0	-5	-11	-10	-5	0	-4	-3	-8	-8	-6	1	2	0
3	0	-7	-1	6	4	-4	-6	1	-4	-5	-2	0	2	4
6	4	-2	-1	1	6	14	3	-12	7	-7	-2	7	6	6
-3	7	1	-17	-10	-3	-1	-1	-7	-4	-4	3	-6	-5	8
15	9	0	-4	1	5	3	0	-3	-6	-4	-7	-4	-2	-2
-5	-6	-3	-2	3	0	-5	-8	-2	0	10	7	6	-2	-7
-2	5	-4	-8	8	13	8	3	-3	-9	-14	11	5	-3	-5
8	5	-8	-10	1	19	6	5	6	4	5	46	125	-34	-166
-78	-71	7	101	-86	8	228	-45	-44	95	25	-12	-75	-31	69
89	7	-22	-59	-36	80	33	-87	53	-38	-121	54	-6	13	-22
-39	23	34	15	27	-23	-65	-48	1	-58	-59	-65	-77	-25	16
73	93	47	-46	-63	16	65	-30	68	52	-36	14	-81	-151	-121
37	149	-88	-405	-341	107	390	317	-403	-347	-80	179	202	241	90
-145	-311	-233	-67	-147	-231	-179	49	39	66	-97	-150	102	128	-4
-50	-12	-8	-47	-7	36	40	41	-87	-61	-30	6	79	40	0
30	52	11	-25	-34	-33	-3	-7	-28	14	6	-23	-22	-4	12
-3	-7	9	22	23	7	10	25	-27	-52	-2	-18	-63	-64	-55
-42	-8	4	-7	-1	28	52	8	-8	23	55	45	11	24	23
13	8	17	37	35	11	-20	-14	-8	-5	24	11	18	2	-14
-12	-5	8	29	23	-2	-21	-12	14	3	13	-17	-9	7	13
0	-18	-12	-1	-1	-7	-16	-6	-2	13	22	-11	2	16	10
4	12	31	29	4	3	10	-3	4	-2	9	-17	0	0	-7
-11	-13	-12	-5	8	19	11	-1	-2	-8	4	-7	-8	12	25
23	8	-2	-11	-13	-6	2	4	-6	-19	-20	6	-11	2	0
-2	5	6	2	4	14	11	-2	19	13	10	0	-7	24	50
20	-31	-26	13	7	1	4	-10	-12	-15	-5	9	-2	-6	-14
-14	-4	7	16	6	-10	-4	14	-4	-1	6	-12	9	7	-2
4	13	7	13	20	-5	-16	13	17	-4	-8	-4	-1	0	-9
-17	-15	-1	6	-8	1	15	5	-9	4	10	-3	2	1	10
13	5	19	3	-27	-1	20	11	12	18	-4	-17	19	12	4
-25	-5	11	-2	0	-1	-12	-28	-6	-1	-2	1	-2	-18	-22
-16	-11	-12	-19	-14	3	-3	-12	-10	-1	-3	-16	-14	-8	3
10	-1	-6	-3	-20	-27	-14	5	-7	-7	-4	-10	-20	-26	-18
-11	-3	-16	-16	8	9	0	-7	-9	-13	-12	-5	-18	-11	8
11	-2	-12	-14	-4	5	4	-7	6	0	-11	4	2	-1	0
3	5	-3	-9	1	7	-3	-10	1	-1	-7	5	0	-1	6
1	-8	-15	-6	6	4	-1	-2	6	-1	-7	4	0	6	-2
-1	11	15	1	-5	3	-1	-2	-4	-3	3	3	7	4	

11C045 71-001.4 SAN FERNANDO EARTHQUAKE FEB 9, 1971 ~ 0600 PST
 STATION NO. 279 PACOIMA CAM, CAL. AFTER SHOCK AT +162.0 SEC
 INSTR PERIOD = 0.0530 SEC CAMPING = 0.568 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -47.5 CM/SEC/SEC AT 2.42 SEC VELC = 1.6 CM/SEC AT 2.38 SEC DISF = -0.6 CM AT 5.80 SEC

INITIAL VELC = 0.20384 CM/SEC INITIAL DISP = -0.04568 CM

657 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC														
SEC	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
-5	-7	-6	-4	-3	-2	-1	-2	-3	-10	-12	-9	-3	C	-5
-8	-9	-12	-11	-3	-3	-3	-11	-18	-14	-5	-7	-7	-8	-9
-11	-11	-5	0	-2	-5	0	5	5	-14	-3	-6	-3	2	-4
5	11	12	6	4	-2	-5	8	19	-3	13	15	20	22	3
16	7	-15	1	22	13	11	17	11	0	-19	-18	37	40	13
36	70	75	35	-32	-65	-13	71	106	-129	-211	-111	93	105	-28
-444	-475	-123	269	256	-110	-219	-173	-69	404	54	-271	-260	-103	22
44	-7	-28	7	13	18	31	29	-10	-89	8	102	57	-80	13
-28	2	39	3	-114	-135	-46	32	76	82	55	-10	-56	-22	59
2	2	6	14	22	8	-9	3	16	-7	-15	-31	-45	-35	-12
-31	-8	11	29	18	-15	-53	-65	-24	71	59	12	-41	-46	-31
-53	-48	-16	17	34	15	-25	-16	24	1	-33	-41	-33	-12	-51
40	46	5	-15	-25	-24	-7	8	-7	-12	-5	-2	13	-22	-6
6	3	-4	-8	-4	-21	-17	-18	-21	7	22	28	13	-20	-29
-3	13	11	-13	-28	-28	-16	16	50	-33	-20	29	25	5	8
-9	-1	9	15	17	4	-9	-12	-10	16	17	14	10	5	-20
1	-1	-5	-9	-7	1	3	1	-4	-6	3	12	8	0	-1
-3	4	7	5	1	3	9	7	4	-14	-6	5	8	-3	-10
5	2	1	-3	-5	-5	-5	-4	-4	-4	3	2	-7	-13	7
-3	-4	-6	-18	-20	-12	3	18	12	6	1	-6	-13	-14	2
15	-1	-11	-11	-13	-9	-9	-16	-18	11	16	13	1	-6	-7
-12	-5	3	3	-5	-6	-7	-10	-10	5	10	5	-4	-13	-6
-8	-14	-5	19	30	21	-2	-16	-14	11	5	-9	-16	-12	5
45	73	65	33	-20	-48	-19	20	22	-61	5	64	33	-23	-35
13	18	-2	-5	-25	-79	-47	74	94	-13	22	17	4	-19	6
0	-17	-9	18	34	26	12	5	22	-13	-18	0	7	-2	18
10	-24	-36	-11	4	15	24	27	17	-13	-18	-16	-15	-5	34
-6	-13	-5	10	14	9	-1	2	0	-17	-5	-6	0	-19	7
1	-6	-11	-12	-12	-4	7	0	-12	-8	-5	0	7	1	1
-11	-10	-4	-6	-14	-9	1	10	13	-1	-4	-5	-4	-4	-8
-3	-11	-10	-8	-2	4	5	-6	-13	-10	-7	-4	-3	-6	4
0	0	-5	-8	-6	-5	-8	-13	-17	-1	8	4	-8	-17	-7
-5	-2	0	1	1	1	1	0	-3	-6	-4	-2	1	7	2

11C045 71.001.4
 STATION NO. 279
 INSTR PERIOD = 0.0510 SEC DAMPING = 0.544
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 PACOIMA CAM, CAL. AFTER SHOCK AT +162.0 SEC
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN C.C70 AND 25 C/C/SEC.

EPICENTER 34 24 00N, 118 23 42W
 CCMP S16E 34 20 06N, 118 23 48W
 DISTANCE BETWEEN C.C70 AND 25 C/C/SEC.

PEAK VALS ACCLN = -31.4 CM/SEC/SEC AT 2.62 SEC VELO = -1.3 CM/SEC AT 9.38 SEC DISP = -1.2 CM AT 11.12 SEC

INITIAL VELC = -0.98913 CM/SEC INITIAL DISP = 0.20718 CM

666 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

10	10	9	3	1	9	10	8	4	2	-1	1	0	3	5	0	0	2	2	4
4	0	1	2	2	-1	-4	5	15	8	-3	-9	-11	-10	-1	9	0	2	2	4
2	0	-5	-7	-5	6	16	12	8	5	-2	-1	3	0	-2	0	-1	3	6	17
6	0	12	11	7	19	-4	-25	14	18	-19	16	18	3	5	15	1	6	10	20
13	2	-9	8	27	21	17	18	-14	-11	30	24	7	33	11	-7	-4	-5	12	29
20	-6	-28	-20	13	34	40	21	1	9	-36	-37	-37	75	178	109	-43	-142	-85	58
118	77	-112	-190	-214	-98	198	280	223	209	14	-314	-242	-66	46	106	25	31	78	44
35	30	-13	-23	61	94	16	-83	-117	-71	46	95	-4	-80	-91	-8	46	47	47	58
66	41	-25	-101	-122	-69	21	63	43	20	0	4	20	11	10	4	-32	-32	-8	-10
-2	-7	-14	-17	-21	-12	5	35	51	30	2	-27	-56	-36	-7	6	10	-10	-26	-9
19	40	31	9	-30	-64	-43	-1	38	57	39	5	-9	-8	-5	-5	-13	-12	-7	15
-2	-22	-20	-41	-29	6	13	28	25	2	-12	-10	-1	-16	-33	-31	-23	-3	27	41
32	27	-14	-30	-19	-11	2	6	-7	-23	-17	-7	-14	-9	-9	-20	-14	7	22	22
11	1	-9	-10	-12	-19	-17	1	19	16	5	-2	-23	-28	-15	-10	6	24	24	3
-3	0	-18	-35	-12	20	22	2	-19	-31	-19	15	32	26	13	24	23	-5	-19	-12
-6	-9	-3	10	12	-3	-2	5	3	-12	-24	-21	0	17	5	-12	-15	-3	5	-5
-2	1	5	6	1	-1	1	-8	-23	-19	-7	5	13	10	5	2	0	-4	-7	-8
-10	-11	-3	10	15	15	3	-11	-15	-9	-1	5	0	-8	-5	-8	-6	-10	-5	-2
4	7	7	1	-4	2	7	4	-2	-8	-12	-8	-6	-10	-4	3	-3	2	12	4
-12	-9	-8	-13	2	11	12	23	26	10	-3	9	-5	-16	-22	-7	-3	3	18	19
6	-8	-14	-13	-10	-8	-7	-10	-17	-13	-5	-2	10	0	-4	-5	-11	-10	-10	-13
-16	-6	0	-2	-5	-10	-10	-10	-9	-4	6	9	-4	-19	-27	-14	0	0	1	0
-11	-8	3	-4	-15	-2	7	4	-7	-35	-57	-41	-6	21	24	6	-16	-30	-37	-27
2	5	1	26	69	46	-56	-112	-83	-24	59	104	28	-19	12	25	-22	-68	-30	36
58	78	-49	-103	-35	18	38	-6	-34	7	61	76	51	-3	-25	-13	-37	-43	-1	17
25	-1	-21	8	43	64	50	14	-27	-51	-34	-1	-1	-7	10	21	39	51	19	-13
-6	15	18	6	-13	-14	-10	-11	-9	12	39	44	35	16	-8	-23	-14	-19	-4	25
36	25	9	10	16	20	13	4	4	14	21	4	-21	-26	5	41	49	33	2	3
16	5	8	13	16	4	-1	-1	3	17	35	37	10	-7	-5	-2	11	9	8	19
21	6	-7	-19	-13	9	15	25	32	16	2	-4	-9	-9	-3	3	13	13	4	-6
-10	-9	-1	11	14	10	6	-7	-15	-11	-3	5	10	6	1	5	9	11	4	-1
0	4	5	7	1	-9	-18	-13	-2	0	3	6	-1	-1	3	10	13	8	-2	-9
-5	-2	-4	2	5	2	11	6	-7	3	6	-2	-2	4	1	3	8	11	10	6
0	0	14	10	-4	-9	2	11	-7	16	6	-2	-2	-2	1	3	8	11	10	6

IIC045 71.001.4
STATION NO. 279
INSTR PERIOD = 0.0520 SEC

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
PACOIMA DAM, CAL. AFTER SHOCK AT +162.0 SEC
DAMPING = 0.588

EPICENTER 34 24 00N, 118 23 42W
CCMP DOWN 34 20 06N, 118 23 48W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -14.4 CM/SEC/SEC AT 2.52 SEC VELO = 0.6 CM/SEC AT 6.32 SEC DISP = -0.7 CM AT 3.58 SEC

INITIAL VELC = 0.23794 CM/SEC INITIAL DISP = 0.24805 CM

656 INSTRUMENT ANC BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-5	-7	-10	-10	-6	-4	-9	-5	-3	-4	-5	-6	-7	-9	-14	-15	-11	-4	-3	-3
-3	-3	-7	-9	-6	-4	-6	-6	-6	-6	-5	-5	-4	-4	-4	-4	-7	-10	-9	-8
-9	-11	-13	-5	-1	-7	-11	-6	-4	-10	-11	-8	-10	-6	-3	-9	-8	15	15	-14
-7	13	5	5	-6	-34	0	65	5	-38	19	19	-19	-1	37	3	-29	1	11	-3
-6	-20	-3	25	-9	-3	7	-6	6	39	24	-2	-5	-6	-13	2	25	37	2	-69
-71	12	78	70	-2	-27	-2	34	40	6	-40	-28	61	116	45	-79	-109	-57	-8	49
47	-30	-67	68	130	-6	-144	-88	50	107	63	-48	-79	-29	4	9	-14	-15	23	45
15	-48	-18	35	8	-17	-18	-10	-4	-3	-10	-12	8	22	16	-6	-5	0	-1	0
0	7	20	9	-21	-27	5	26	16	-5	-2	12	9	0	-10	-8	13	16	0	6
13	4	-3	1	6	0	-3	-6	4	22	18	13	8	-4	-10	-2	1	0	3	14
13	9	6	3	3	12	11	-3	-2	4	17	17	5	-1	4	7	3	4	10	2
-7	-6	-11	3	17	12	0	-7	-2	4	6	-8	-18	-2	11	12	16	9	-7	6
23	11	-2	1	0	-4	-4	-4	0	5	-1	-5	2	-1	-7	5	9	1	-7	-2
6	7	1	-3	-1	9	11	3	-3	-11	-12	-4	6	3	-7	1	9	5	0	-9
-10	2	15	14	-3	-17	-9	3	3	-2	2	10	11	4	-2	-5	-3	0	4	3
0	1	1	6	10	8	2	1	7	6	1	5	6	0	0	1	-1	-2	1	1
-2	-7	-11	-8	-3	-4	-4	-3	0	-1	0	5	4	0	-1	-4	-4	-2	-2	-4
-3	-2	-3	-4	-4	-2	-2	0	-2	-6	-8	-7	-6	-7	-5	-7	-7	-5	-8	-10
-7	-4	-4	-6	-10	-8	-6	-4	-5	-5	-3	-5	-6	-6	-5	-1	-14	-1	-13	-16
3	4	-1	-1	-2	2	7	-2	-12	5	9	-5	-10	-4	1	2	4	5	3	1
2	-1	6	15	8	6	-4	-10	5	8	-1	-2	2	3	0	-2	7	4	-7	3
5	-2	-5	-9	-5	8	-2	-12	-10	-3	1	-7	-11	0	8	-3	-7	-1	-10	-17
-8	-4	-8	3	10	-15	-32	-28	-13	3	17	14	9	8	0	-6	-13	-20	-5	10
16	22	19	4	-19	-28	-1	19	13	8	-4	-13	-18	-17	-10	0	21	21	-4	6
13	-11	-18	-1	4	-13	-16	5	19	26	15	-2	-16	-3	10	-12	-20	-2	-2	-8
-8	-1	8	16	11	-4	-11	-10	-8	-8	-8	-8	-4	0	-7	-6	11	8	4	9
11	3	-8	-15	-7	-3	-4	-1	2	5	8	4	-2	-3	1	4	4	5	1	-6
-5	-5	-5	-5	0	5	5	5	3	2	-1	-2	2	1	12	11	5	-3	-5	-5
-6	-5	-5	-5	-5	0	5	5	3	2	2	-2	2	-1	12	-3	-3	-4	-4	-5
-3	2	4	4	3	2	5	8	6	3	-3	-6	-7	-6	-7	-2	4	4	0	-1
-1	0	2	3	2	2	2	2	2	2	2	3	6	5	2	-1	-2	-1	1	5
7	7	5	2	2	0	-1	1	1	5	7	1	0	1	-1	3	7	7	5	2
2	3	7	7	2	6	5	2	5	4	0	-1	1	2	4	5				

11C046 71.001.5

STATION NO. 279

INSTR PERIOD = 0.0530 SEC

CAMPING = 0.568

SAN FERNANDO EARTHQUAKE

PACQUIMA DAM, CAL. AFTER SHOCK AT +230.1 SEC

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

FEB 9, 1971 - 0600 PST

CCMP S74W 34 20 06N, 118 23 48W

EPICENTER 34 24 00N, 118 23 42W

PEAK VALS

ACLN = -23.6 CM/SEC/SEC AT 4.76 SEC

VELO = 1.4 CM/SEC AT 10.02 SEC

DISP = -1.5 CM AT 7.68 SEC

INITIAL VELC = 0.51666 CM/SEC

INITIAL DISP = -0.05030 CM

577 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-4	6	2	-4	-5	-9	-4	-2	-6	-8	-7	-7	-8	-7	-7	-1	-3	-7	-1	1	5	4	5	-4
-1	2	-3	-5	-4	-6	-5	-5	0	0	4	-1	-6	-4	-3	-2	-2	-2	-2	-2	-4	-8	-8	2
4	-1	-8	-6	-5	-1	5	3	-1	-2	1	-1	-2	0	0	-5	-5	-5	-5	-6	-4	-6	-6	-6
5	8	-6	-7	4	-2	-1	3	3	16	7	-5	-12	-8	-10	-3	4	0	0	4	0	0	0	-10
-9	-10	-5	4	-3	-7	-6	3	4	-7	-4	-1	7	8	-3	5	-6	-5	-3	5	-6	-5	-3	
-1	0	-1	7	3	-7	-7	-8	-1	7	3	-2	-1	2	5	4	-4	-8	-5	-1	-8	-5	-1	
6	8	5	-3	-7	3	6	-2	-7	-5	-1	1	9	5	-6	-9	-10	-4	-4	-10	-8	-4	-3	
-5	-3	2	5	-1	-9	-4	8	3	-1	11	7	-22	-49	-28	38	25	-33	-22	39	-27	-33	38	
62	9	-31	-2	-18	-32	-63	-138	-49	137	175	92	-22	-134	-111	-22	39	27	-20	27	27	17	17	
9	-2	-13	9	13	7	27	71	72	-20	-96	-66	-42	-14	15	12	20	21	51	20	21	51	73	
-7	-79	-127	-115	-30	90	141	119	58	-31	-81	-100	-97	-37	32	55	57	50	-11	57	50	-11	9	
57	23	-50	-110	-86	24	65	-16	-24	72	-41	-111	15	58	70	-18	-7	-41	-236	-7	-41	-236	-152	
116	221	103	-27	46	95	-25	-144	-132	-57	124	54	-31	-63	-28	95	66	-64	-229	66	-64	-229	-126	
65	115	36	37	50	-13	-92	-129	-106	-89	-39	43	115	65	-23	-44	5	25	57	-31	25	57	32	
-39	-88	-75	-8	-1	-17	47	87	15	-29	-9	-20	-17	24	40	5	-4	22	15	-4	22	15	-19	
-20	-13	19	59	59	60	21	10	9	-36	-76	-58	-9	20	30	57	72	64	31	72	64	31	-12	
-49	-75	-72	-31	3	29	47	47	14	-23	-13	25	46	25	-8	-17	-9	-12	-4	-17	-9	-12	22	
45	22	-2	-27	-28	22	6	10	3	-2	3	28	56	56	19	-18	-14	6	12	-14	6	12	13	
11	6	5	12	36	65	11	-68	-57	-76	11	58	46	7	-10	71	104	16	-24	71	104	16	-46	
-53	-48	16	90	57	-13	19	44	8	-59	-84	-27	80	177	115	-58	-129	-62	50	-58	-129	-62	119	
-7	-116	-14	60	44	-9	-27	-2	-6	5	72	53	-3	24	-8	-82	-109	-12	119	-82	-109	-12	80	
-5	-7	-12	-44	-54	-6	46	52	18	-28	-41	0	52	52	-11	-81	-79	12	53	-81	-79	12	24	
21	42	36	-7	-66	-69	17	94	90	1	-56	-29	53	84	16	-53	-42	-1	4	-33	-42	-1	-33	
-9	57	62	41	13	-6	-9	-15	-24	-18	12	27	15	4	6	13	19	22	18	13	19	22	5	
2	16	15	-4	-13	-10	-1	12	21	15	5	2	3	1	-1	5	13	21	25	5	13	21	20	
-4	-4	-22	-31	-19	-12	-6	6	13	17	15	0	-18	-26	-19	-11	-9	-14	-19	-11	-9	-14	-21	
-7	17	22	5	-14	-15	0	5	1	-6	-12	-13	-4	-2	-10	-16	-20	-12	8	-16	-20	-12	24	
21	6	-10	-22	-23	-10	7	13	1	-14	-16	-5	6	8	2	-7	-15	-11	-1	-7	-15	-11	1	
0	-5	-8	-7	-2	-1	-12	-26	-24	0	10	15	14	0	-18	-16	-9	-13	-12	-16	-9	-13	-6	
-8	-7	4	0	-13	-18	-22	-25	-20	-11	-6	-5	-3	3	5	-2	-9	-18	-22	-2	-9	-18	-16	
-8	-3	-2	-5	-7	-8	-5	-1	0	-7	-15	-26	-34	-22	-6	5	8	3	-5	5	8	3	-5	
-19	-25	-33	-30	-24	-9	14	2	-10	-12	-4	3	7	6	3	-4	11	10	-26	-4	11	10	-26	
-34	-6	-1	5	35	35	17	-27	-74	-57	-25	-6	46	93	65	-53	-81	-17	0	-53	-81	-17	-48	
-24	24	56	59	96	78	7	-83	-166	-131	-43	15	16	16	86	134	96	19	-63	134	96	19	-18	
-55	-21	10	2	-50	-62	-9	36	68	80	65	12	-62	-64	-35	-21	8	46	30	-21	8	46	-53	
-79	16	93	71	18	-9	-14	-19	-20	0	18	2	-19	-28	-15	3	24	25	9	-19	3	24	25	-9
-32	-62	-72	-23	58	94	46	-24	-42	16	91	108	31	-64	-58	-10	-24	-60	-1	-10	-24	-60	-1	
11	4	3	37	64	84	15	-86	-68	-19	22	60	52	36	-14	-76	-29	118	57	-76	-29	118	57	-183
-153	86	98	-64	-68	-7	-22	50	129	66	-54	-101	-46	19	1	-16	29	35	-18	-16	29	35	-18	-39
-2	25	36	30	9	-15	-15	20	14	-7	10	-15	-86	-86	-28	29	79	93	54	29	79	93	54	5

-22	-15	10	16	-8	-12	12	-5	8	-22	2	31	15	-13	-12	14	5	3	-47	32	34	-4	-6	-10	14	0	7	-60	43	7	-7	9	-8	12	12	-5	21	-17	29	-17	3	18	-3	8	-2	23	5	4	-26	4	20	4	1	9	11	13	-21	-22	2	13	12	-5	11	-11	17	-12	-7	0	4	16	-6	1	-28	20	12	15	-17	1	5	-4	-9	-35	20	17	18	-15	0	-9	3	-6	-17	14	7	0	0	-1	-13	9	2	7	-2	-9	-9	3	0	-4	12	4	17	-19	-20	15	6	4	0	12	-22	21	-21	-17	38	2	9	0	8	-8	23	-4	12	31	-1	10	3	5	-5	24	24	37	7	-2	4	5	3	-9	30	34	20	-21	-4	-2	0	2	-4	34	22	-16	-40	-8	-6	-2	0	6	7	-13	-25	-6	-10	3	-7	12	-9	2	0	-3	-12	9	-12	11
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IIC046 71.001.5
 STATION NO. 279
 INSTR PERIOD = 0.0510 SEC CAMPING = 0.544
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 PACOIMA DAM, CAL. AFTER SHOCK AT +230.1 SEC
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 CCMP SITE 34 20 06N, 118 23 48W

PEAK VALS ACIN = 30.9 CM/SEC/SEC AT 4.82 SEC VELC = -1.0 CM/SEC AT 12.52 SEC DISP = -0.8 CM AT 13.44 SEC

INITIAL VELC = 0.50950 CM/SEC INITIAL DISP = 0.00774 CM

576 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-11	-10	-10	-11	-16	-16	-10	-11	-12	-13	-12	-10	-7	-6	-8	-10	-9	-6	-10
-13	-11	-10	-10	-13	-16	-13	-7	-10	-15	-12	-10	-10	-9	-10	-7	-5	-1	-7
-10	-7	-8	-8	-6	-1	0	-4	-1	-1	-12	-10	-10	-9	-10	-7	-3	4	0
2	6	-1	-7	9	5	-1	9	6	8	10	-4	0	7	11	1	1	0	2
-2	7	7	2	1	4	1	2	6	1	0	-2	-5	-4	-2	2	2	6	4
6	3	4	7	1	0	5	7	6	1	-2	3	10	12	9	5	10	4	4
9	3	4	3	2	4	3	-1	0	2	2	4	5	3	2	4	5	1	3
-3	-2	-3	-1	2	4	1	-2	-4	-6	-5	16	37	29	-11	-26	-15	1	-1
49	-2	-31	106	32	-46	-12	-81	-101	27	48	120	78	6	8	-55	-145	-127	23
119	136	67	16	-33	-55	-51	-75	-37	5	50	40	18	-7	0	51	8	24	-52
-43	-31	-49	-13	-2	39	79	82	25	-32	-66	-75	-75	-38	25	43	91	96	-9
-45	-76	-101	-81	-16	-27	81	18	13	39	-36	-4	-17	-17	-44	-174	-159	-86	30
234	305	272	104	-120	-154	-200	-69	-24	75	107	103	153	82	-25	-178	-140	-60	-60
128	32	1	-24	-67	-104	-111	-54	39	64	38	33	-2	-19	15	24	36	50	48
-124	-85	-19	27	39	74	128	82	-43	-88	-52	-37	-30	-1	31	43	13	-10	-121
2	0	4	2	-37	-63	-54	-47	-33	-1	19	21	15	18	30	28	16	-11	-32
-46	-46	-20	38	62	29	-5	-43	-72	-46	0	25	27	17	18	18	-1	-38	-49
-32	-45	-26	8	45	72	44	-2	-22	-35	-34	-14	5	9	9	49	38	-32	-28
-26	-58	-19	18	47	78	27	-37	-69	-32	52	22	24	51	78	56	-11	-30	6
-10	0	39	54	22	43	24	42	36	17	4	-53	-77	-48	17	66	28	-51	-52
61	22	-31	-87	-58	-24	77	77	-2	-69	-52	31	85	35	-12	-49	-72	-26	5
12	-47	-71	-55	11	78	103	68	-16	-73	-83	-62	-8	26	7	-7	24	68	63
6	-7	-57	-43	-15	15	38	38	9	-2	35	57	7	-52	-83	-50	31	66	34
4	8	-10	-5	18	40	37	-1	-34	-46	-39	-38	-20	18	34	23	12	13	23
8	-8	-12	1	18	20	16	11	4	-6	-14	-14	-4	2	7	24	30	21	-2
-24	-18	-20	-24	-27	-21	-8	11	23	6	-8	-16	-3	5	-1	-11	-17	-12	1
10	7	-2	1	11	13	12	0	-8	-15	-22	-20	-13	-15	-18	-10	-3	10	20
-9	-17	-5	-4	-6	-5	-3	-8	-13	-8	-9	-5	-4	-3	-2	-10	6	-1	15
-11	-6	1	3	-6	-8	-9	-6	-8	-6	-11	-16	-21	-14	-10	-12	-9	-7	-1
6	13	11	-4	-13	-18	-17	-17	-15	-8	3	7	2	-5	-6	-10	-10	-12	-6
-5	-13	-13	-13	-17	-14	-6	-12	-10	-1	0	-4	-18	-18	-15	-14	-4	-4	-7
2	-2	2	8	-8	-11	4	16	11	6	24	32	-8	6	7	-27	3	25	-12
-2	48	40	46	32	10	15	35	72	21	-23	-21	-58	-120	-116	-2	63	80	111
103	66	7	-25	-133	-121	-52	-4	74	91	48	41	87	78	27	-70	-115	-1	113
15	-129	-130	-35	53	70	48	51	52	17	-44	-52	-61	0	12	21	-13	-38	-15
78	54	-8	-36	-15	8	14	15	8	-13	-31	-12	31	54	48	18	-8	-28	-46
-4	18	8	0	24	0	-26	27	54	50	60	0	-74	-107	-45	-61	-30	64	50
5	17	7	-23	-30	-64	-49	34	25	4	57	36	-37	-40	-61	-66	31	88	80
101	-177	-286	-106	-4	104	160	105	78	23	45	64	-56	-140	-75	23	45	-19	119
79	4	-52	-84	-37	38	39	49	77	-4	-96	-93	-26	39	49	29	31	22	25
																		-14

-36	-53	-21	35	51	13	-20	-42	-28	5	26	39	42	27	-6	-48	-60	-37	-4	28
49	37	9	-16	-30	-23	-15	-14	-8	5	14	6	-10	-23	-26	-22	-11	9	23	25
12	-13	-35	-26	-10	-6	-4	-6	-17	-27	-7	14	21	5	-5	-8	-3	3	-1	-4
-3	-2	2	4	-4	-7	-5	-2	0	-4	-9	-10	-7	-6	-12	-17	-20	-18	-12	-9
-7	-3	-8	-17	-22	-16	-7	1	3	3	0	-8	-16	-18	-16	-13	-6	-15	-24	-20
-15	-11	-7	-3	-5	-15	-19	-20	-18	-15	-11	-6	-1	1	-6	-9	-3	4	6	-1
-7	-9	-11	-4	-3	-7	-10	-8	-1	8	15	12	6	0	-5	-4	-1	1	-1	-3
3	11	16	14	4	1	2	3	4	4	4	3	3	2	4	6	11	19	17	10
23	10	-5	-3	3	16	23	0	-16	-28	-11	25	39	28	31	22				

11C046 71.001.5
STATION NO. 279

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
PACOIMA CAM, CAL. AFTER SPOCK AT +230.1 SEC
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 116 23 42W
COMP DOWN 34 20 00N, 116 23 48W

INST PERIOD = 0.0520 SEC DAMPING = 0.588

PEAK VALS ACCLN = 24.1 CM/SEC/SEC AT 3.18 SEC VELD = 0.8 CM/SEC AT 3.20 SEC DISP = -0.8 CM AT 10.42 SEC

INITIAL VELC = -0.39119 CM/SEC INITIAL DISP = -0.15923 CM

576 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

4	4	3	3	6	4	2	2	2	3	8	7	0	-2	4	8	12	8	3	-2	3
9	5	6	10	11	11	9	5	2	3	3	4	4	4	4	4	3	2	2	2	5
6	4	4	6	6	6	4	4	4	4	3	2	5	6	6	7	5	-3	1	1	19
13	-14	-9	12	3	7	13	2	13	18	3	0	9	10	5	10	9	6	1	-3	-3
-4	2	3	1	2	0	1	3	-4	-4	2	0	-5	-9	-6	-3	-9	-8	0	-2	-2
-6	-7	-1	1	-2	-1	-2	-3	0	-2	-9	-10	-11	-11	-5	0	-4	-5	-3	-4	-4
-2	3	2	-5	0	-1	-3	2	-3	-4	-2	0	1	4	6	-3	-1	7	-4	-4	-4
6	4	4	7	2	35	-4	-1	-2	9	23	6	-17	-27	-26	-40	-59	17	215	241	40
-61	-204	-81	-91	-34	35	-49	-41	191	226	56	-155	-170	-84	-26	-26	53	44	44	44	40
12	-36	-16	-8	-36	-36	-7	5	18	6	-20	-29	-5	20	17	-5	6	-3	-11	-11	12
7	-11	-16	-1	26	28	-21	-68	-64	24	74	28	-22	-18	-12	12	26	-30	-37	41	41
71	6	-58	-60	-18	39	47	36	39	12	-28	-48	-38	-30	-20	37	91	70	25	16	16
18	4	-62	-56	10	42	34	6	9	29	29	-18	-84	-88	-6	37	20	-26	-7	20	20
49	38	-51	-61	-21	-26	-17	5	6	-4	-4	-11	-8	-5	-18	-27	0	18	-6	-16	-16
-24	-19	5	9	-2	22	-23	-10	-8	18	-12	-43	-25	4	-8	-14	-1	14	24	10	10
-12	-16	-17	-21	-7	20	17	5	1	-9	-11	1	11	4	-5	2	0	-11	-2	9	9
11	22	27	-1	-26	-11	10	15	17	16	7	6	6	10	15	10	-5	-6	-5	0	0
17	24	4	5	20	7	-7	-8	-5	-5	15	24	11	-9	7	8	-34	-43	15	2	2
-3	25	7	-12	12	4	-18	-39	-6	25	-22	-43	-22	1	32	35	-3	-34	-10	-3	-3
-24	5	44	9	-32	-15	28	32	2	-19	-16	-4	11	2	-20	-37	-10	60	45	-84	-84
-89	18	45	14	-22	-31	-7	-21	-20	37	38	-8	-33	-23	-5	-14	-1	13	6	-24	-24
-15	-3	-9	-9	-7	1	18	17	-19	-33	-14	10	12	-5	-6	13	22	-5	-45	-45	-45
-19	22	56	54	4	-32	-10	15	6	-4	-3	8	13	9	-6	-5	8	4	-22	-30	-30
10	28	15	4	-9	-3	11	5	-11	-20	-7	6	4	2	2	4	4	-2	-4	0	0
7	7	-1	-4	-3	2	9	11	9	14	19	14	3	0	10	10	5	9	5	7	7
6	4	6	11	14	7	7	2	-8	-2	12	17	9	-4	-5	3	5	6	4	6	6
12	10	12	15	12	16	13	1	1	3	8	9	5	5	15	17	10	6	6	8	8
12	12	10	6	5	6	4	1	-2	-6	-2	10	13	7	2	-3	-2	2	5	7	7
7	5	4	6	8	8	8	8	8	7	5	3	1	0	2	6	3	-4	-4	2	2
3	5	1	-2	2	0	-4	-6	-8	-6	-1	-6	-10	-2	2	0	-3	-2	1	-2	-2
-5	-7	-5	-2	0	7	12	5	-2	2	6	-6	-3	10	2	3	8	5	0	-12	-12
-19	-3	-1	-19	-8	23	28	-8	-23	-2	-11	-33	-16	-16	-25	11	21	-32	-55	-11	-11
19	-10	-3	26	19	2	-4	3	-28	-33	-4	-6	-26	-12	23	-2	-31	9	40	1	1
-14	-21	-22	-19	-9	1	-10	-16	-4	-4	0	-3	-22	-42	-24	16	23	3	3	6	6
-23	-34	-8	-3	-3	14	12	4	-5	-16	-25	-13	9	7	-11	-2	10	9	-4	-16	-16
-10	8	13	4	-2	-6	-7	-6	-5	-8	-13	-11	0	1	-13	-12	-2	10	-4	35	60
-13	-135	-124	22	89	51	29	1	-21	20	20	-60	-98	-13	55	91	73	-3	-62	-21	-21
46	51	0	-24	-23	-18	40	21	-9	49	40	-40	0	36	-32	-15	93	92	1	-32	-32
-26	-18	18	-8	-46	17	83	56	-10	-18	27	-16	-49	-32	5	18	8	17	16	7	7
-1	10	10	-2	-4	-1	14	29	16	-11	-20	-10	1	5	2	-5	-14	-1	22	25	25

13	-3	-14	-9	-1	-4	-6	1	4	-8	-14	9	17	4	0	6	12	7	1	-1
-2	-4	-4	-4	-6	-7	-4	2	-5	-8	-1	6	10	9	-1	-11	-10	-1	3	0
1	-4	-1	-2	-5	-8	-12	-4	5	4	1	-1	-2	-2	-3	0	6	4	3	2
-5	-6	-2	1	2	-3	0	-4	-6	1	-8	-10	-9	-8	1	4	5	4	2	-1
-9	-11	-12	-12	-10	-9	-9	-10	-10	-6	-6	-6	-10	-8	-10	-7	-8	-7	-7	-8
-5	-4	-13	-7	-2	-3	-7	-8	-9	-10	-10	-10	-7	-9	-7	-5	-7	-8	-9	-1
-5	-9	-10	-7	-1	-2	0	-6	-9	-6	-3	-4	-2	-2	-8	2	-5	-12	-7	1
2	-3	-5	15	14	3	-8	-11	-1	15	16	-2	-12	25	0	18	1	-1	-1	4

IIC047 71.001.6
 STATION NO. 279
 INSTR PERIOD = 0.0530 SEC DAMPING = 0.568
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 PACOIMA DAM, CAL. AFTER SHOCK AT +309.1 SEC
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP S74W 34 20 06N, 118 23 48W

PEAK VALS ACLN = -18.2 CM/SEC AT 3.58 SEC VELC = -1.0 CM/SEC AT 3.42 SEC CISP = 0.8 CM AT 6.50 SEC

INITIAL VELC = 0.58343 CM/SEC INITIAL CISP = -0.13617 CM

811 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

3	-11	-15	-11	-7	-4	-4	-7	-12	-5	2	-2	-9	-11	-5	-1	0	-1	-2
0	1	-3	1	8	4	0	1	0	0	2	4	3	5	5	-3	0	-5	-4
0	-2	-4	-4	-3	-2	-3	-2	-3	-3	-5	-1	8	6	-5	-15	-7	-4	-7
-2	5	0	-1	-11	-23	-20	-2	14	8	-6	-21	-34	-30	-2	25	-19	-20	-10
-1	-6	-23	-28	-15	26	50	11	-13	-33	-46	-18	8	14	-1	-17	-10	0	-4
-8	1	-12	-17	-17	-9	2	-4	-12	-3	-3	-11	-14	5	14	-1	2	-3	0
2	-5	-12	18	18	24	8	-4	-18	-12	-25	1	5	-20	-15	7	21	-13	-17
-19	0	35	30	7	-16	-30	-24	-2	-6	-25	-21	-5	4	15	12	-1	-2	-7
-2	20	52	46	21	16	23	-54	-137	-126	-49	10	22	92	161	160	109	-80	-182
-117	-31	22	-12	-23	32	95	114	81	18	-48	-55	-80	1	34	20	18	19	27
24	-2	-21	3	37	27	-19	-43	-13	31	57	26	-14	-15	-21	-25	-22	16	44
23	25	6	-12	-5	-7	-17	-21	-11	22	55	51	18	-3	-11	-13	-15	-20	-23
12	49	25	41	25	22	-10	-41	-42	-22	-5	5	22	30	27	21	22	11	4
11	-35	-18	32	40	13	2	9	10	16	24	11	-29	-28	-4	9	14	0	-5
1	12	18	10	0	-6	-6	-2	-5	-12	-18	-11	2	15	33	23	4	-12	-15
-9	-14	-13	-6	10	19	19	10	1	-6	-12	-10	-3	-9	-10	-6	-9	-19	-29
-19	-5	8	17	13	-6	-7	-2	-16	-37	-52	-47	-28	-7	-4	-7	-8	0	2
-7	-17	-21	-21	-16	-16	-23	-29	-24	-13	-4	0	-8	-18	-13	-3	-3	-11	-20
-17	2	11	4	-12	-27	-29	-24	-15	-10	-4	0	-2	-4	4	13	10	3	-6
-13	-7	-1	2	-6	-14	-16	-13	0	12	14	11	9	9	7	3	-1	0	4
-1	-2	3	7	8	10	15	17	12	0	-4	0	-2	-8	-8	8	20	19	12
4	4	9	13	11	8	7	1	10	20	32	10	-19	16	45	-7	-33	0	6
-6	-16	14	25	5	-16	-6	-9	18	33	4	-21	-12	-8	-16	22	34	-18	34
9	53	40	1	-19	-20	-6	1	-14	-26	-25	-14	3	29	-34	-3	-30	-40	-47
12	6	-14	-25	-14	4	18	25	8	-15	-3	18	9	-5	-14	-9	-4	-10	-9
24	11	5	-2	-24	-10	12	5	-17	-25	-14	16	27	25	25	20	24	15	-12
-3	0	-2	-10	-6	13	34	28	-6	-39	-70	-68	-15	45	35	-9	57	119	-23
-25	-5	-14	-32	-47	-48	-22	35	81	61	0	-25	-3	36	18	-21	-27	24	30
5	-3	-6	-7	-9	-1	21	4	-10	21	28	10	-9	-12	-9	1	15	20	5
11	15	3	-1	-27	-50	-28	6	13	13	16	19	16	9	-3	-28	-42	-17	-5
-38	-23	18	36	27	5	-6	-7	8	10	-8	-18	-23	-22	-14	-12	-9	-8	-8
-4	5	12	14	7	1	-2	-6	-5	10	12	-5	-13	2	6	4	-6	-18	-11
2	-2	-10	-8	-4	1	5	2	-12	-18	-5	5	4	5	-5	4	0	-6	-23
-4	-13	-6	3	7	12	16	15	11	11	14	6	-13	-21	-9	6	15	9	13
19	30	21	5	-1	-3	-4	-3	-2	0	3	7	11	12	10	7	6	6	2
9	10	9	7	4	1	3	11	9	2	-4	-8	-5	0	-1	-2	1	6	7
12	9	2	-5	4	24	22	0	-10	1	4	-1	3	9	12	13	10	1	14
-3	-4	-1	-6	-6	8	4	-4	-5	-5	-7	-10	-16	-22	-21	-11	-5	-6	-5
-19	-20	-20	-19	-17	-17	-16	-14	-9	-4	-8	-14	-14	-13	-12	-12	-14	-13	-15
0	-11	-19	-20	-8	0	-2	-8	-13	-8	-9	-17	-4	2	-5	-6	0	-4	0

-21 -20 -14 -10 -9 -8 -4 2 2 -2

IIC047 71-001.6
STATION NO. 279

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
PACOIMA DAM, CAL. AFTER SHOCK AT +309.1 SEC
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
DAMPING = 0.544

EPICENTER 34 24 00N, 118 23 42W
CCMP S16E 34 20 06N, 118 23 48W

PEAK VALS

ACLN = 27.5 CM/SEC/SEC AT 3.46 SEC

VELO = 1.0 CM/SEC AT 10.52 SEC

CISP = -1.3 CM AT 8.36 SEC

INITIAL VELG = 0.58200 CM/SEC INITIAL CISP = -0.38502 CM

812 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

6	6	11	13	11	7	5	6	7	7	12	12	5	-3	-2	-3	-2	3	-4	-6	-4
-1	1	-2	-11	-12	-7	-2	1	2	0	-6	-7	-8	-4	-7	-3	-3	-7	-11	-12	-13
-11	-8	-9	-6	-2	-1	0	4	-7	-18	-9	-2	8	2	-2	-2	0	-15	-31	-13	8
0	-6	-7	-14	-1	21	14	-15	-25	-26	-18	7	22	14	-17	-8	-24	-8	1	3	-2
-18	-10	11	20	20	6	-7	-20	-25	-14	7	15	19	5	-8	-5	-5	-3	-6	6	16
5	-9	-3	4	9	4	-4	3	11	12	14	10	-8	-11	-1	-1	2	13	12	1	-4
-2	15	27	23	4	-11	-7	6	5	-1	-4	-5	6	18	15	6	6	-22	-22	6	4
10	10	-15	-13	-6	-3	2	-6	-10	-9	5	8	-1	-12	-27	-14	-1	15	29	17	-25
-69	-12	-28	22	59	66	33	-23	-109	-188	-167	-8	217	275	133	-1	-101	15	-77	-24	-61
-143	-136	-3	130	124	38	-5	-1	0	8	-31	-73	-74	-25	15	21	-8	-6	2	2	29
38	12	-25	-62	-48	-12	7	-3	-22	-30	4	27	16	11	6	1	-5	-8	-5	-5	-5
-9	-5	-14	-47	-26	26	40	32	18	22	15	-1	-18	-37	-64	-48	-17	1	30	52	-22
38	14	-4	-15	-16	-25	-19	-12	-15	-3	5	4	-12	-16	8	27	33	15	-9	-9	-22
-24	-16	-4	-14	-24	-15	-3	2	-1	-1	9	13	25	20	-2	-28	-29	-14	8	15	-21
8	8	8	8	9	9	-9	-26	-20	-4	11	12	2	-1	1	6	9	1	-5	-5	-21
-28	-21	-13	-18	-17	-2	14	24	22	17	13	1	-9	-8	-11	-14	-11	-11	-3	2	2
6	10	19	21	4	-12	-17	-21	-16	-6	1	-1	-10	-11	5	14	22	20	16	10	10
1	0	0	-4	-8	-12	-7	2	6	7	5	4	14	16	4	-3	-7	-7	7	15	15
10	10	4	-5	-10	-9	3	14	17	18	6	-7	-2	19	25	18	8	4	5	16	16
15	5	-6	-7	-6	0	6	11	15	16	17	14	5	2	3	0	-6	-8	-11	-5	-5
5	11	20	18	13	17	4	-2	-5	-5	0	-1	-1	7	10	8	3	7	18	23	23
13	4	2	-6	2	-1	-6	9	-5	-2	12	-2	7	34	21	-2	13	12	-7	6	6
26	24	25	0	-16	5	20	33	18	-7	-24	-12	7	19	18	-12	-42	-19	30	42	42
32	6	-13	-7	8	15	17	10	-2	-6	-5	9	31	27	-5	-30	-17	7	21	13	13
-4	-8	-7	2	7	5	7	7	3	-1	-3	-1	10	17	3	-7	5	14	16	3	3
-20	-17	1	8	10	4	-1	-13	-21	-12	9	16	8	-11	-25	-30	-10	21	25	-3	-3
-51	-69	-2	103	113	42	-33	-99	-17	-17	-18	-48	-43	4	23	41	69	63	40	19	19
-42	-102	-105	-72	-8	37	31	-2	-16	15	59	42	-7	-42	-35	22	51	19	1	-14	4
-5	1	-15	-30	-25	10	42	43	23	-11	-26	-6	1	-4	-16	-14	9	32	25	4	4
-14	-22	-18	-14	-15	-16	-23	-23	6	31	31	16	2	-6	-14	-16	-9	-19	-24	-10	-10
5	24	26	12	-6	-12	-11	-4	2	3	2	-5	-12	-14	-18	-25	-24	-22	-26	-8	-8
7	9	11	-2	-25	-19	-6	-8	-15	-17	-15	-4	14	18	-7	-15	-10	-10	-5	-4	-4
-2	-1	-2	-2	8	10	-3	-11	-11	0	10	12	6	-2	-3	-8	-3	6	8	-2	-2
-13	-11	-7	-5	0	6	11	13	13	9	-2	-14	-16	0	3	-5	-5	-2	7	10	10
2	4	4	1	-7	0	3	5	7	-6	-4	14	13	2	-4	-9	-5	2	3	3	3
3	3	4	6	8	9	10	4	-4	-7	-3	-1	1	1	-3	-5	-5	-2	2	3	10
-1	-8	3	5	1	-7	-20	-19	-2	12	9	-2	9	-2	-5	10	22	-2	-24	-30	-30
-26	-19	-5	1	2	3	2	0	-3	-4	-10	-17	-18	-10	-2	5	5	2	-15	-15	-15
-10	-4	-2	-5	-4	-6	-4	-2	-4	2	2	-2	-3	-6	-4	-1	-1	2	0	-11	-11
-18	-7	10	8	-3	-5	-2	-4	5	6	-5	-12	-6	-1	4	9	2	-9	-11	-6	-6

-3 -3 -1 -10 -11 -6 -2 0 2 7 0 0

IIC047 71.001.6
 STATION NO. 275
 INSTR PERIOD = 0.0520 SEC DAMPING = 0.588
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 PACCIMA CAM, CAL. AFTER SHOCK AT +309.1 SEC
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP UCWN 34 20 06N, 118 23 48W
 BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACQN = 7.4 CM/SEC/SEC AT 3.44 SEC VELC = 1.1 CM/SEC AT 5.84 SEC DISP = -1.6 CM AT 8.24 SEC

INITIAL VELC = 1.04037 CM/SEC INITIAL DISP = -0.23360 CM

823 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

1	-2	-6	-7	-7	-8	-6	-3	-4	-7	-11	-11	-5	-7	-4	-3	-8	-9	-7	-7
-8	-10	-9	-6	-6	-11	-5	-4	-5	-5	-5	-4	-3	-4	-7	-11	-11	-10	-8	-7
-26	-23	-5	-4	-10	-4	-10	-6	-22	-9	12	15	-7	-41	-46	-16	7	6	4	-8
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11C048 71.008.0

STATION NO. 241

INSTR PERIOD = 0.0540 SEC DAMPING = 0.578

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

8244 ORION BLVD. 1ST FLOOR, LOS ANGELES, CAL.

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W

CCMP NO. 34 13 16N, 118 28 16W

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -250.0 CM/SEC/SEC AT 12.52 SEC VELO = -30.0 CM/SEC AT 9.78 SEC DISP = -14.9 CM AT 10.24 SEC

INITIAL VELC = -2.99400 CM/SEC INITIAL DISP = -1.27540 CM

2975 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

23	-11	4	-45	-72	44	53	27	58	205	258	191	2	-110	-115	-77	-101	-24	64	128
167	214	213	166	118	72	5	-87	-111	17	112	77	-70	-122	4	65	-18	-79	-37	150
194	65	-88	-173	-44	165	100	8	-46	-107	-170	-140	58	154	72	57	152	153	141	-15
-46	52	25	35	85	142	230	203	46	-27	30	38	-83	-173	6	184	135	18	-156	-248
-121	-43	31	148	125	0	-140	-288	-306	-209	-204	-329	-393	-270	-55	342	748	742	530	308
-57	-285	-312	-277	-140	-35	-17	81	210	205	104	-70	-218	-248	-202	-102	84	241	353	483
382	183	-70	-317	-311	-141	6	121	241	390	479	435	328	262	212	53	-153	-141	43	157
144	151	97	-139	-386	-479	-334	-148	-21	148	411	534	327	-147	-662	-639	-57	451	427	339
380	251	124	223	292	137	-182	-606	-950	-986	-742	-452	-232	-13	236	102	-176	-55	276	607
760	653	593	506	342	257	157	-133	-604	-1079	-1295	-959	-361	265	407	51	-428	-908	-1226	-1132
-667	-157	146	316	299	208	153	-42	-566	-1028	-1091	-756	-125	484	694	339	-275	-720	-665	-822
-618	-320	180	630	635	219	-263	-427	-156	217	244	85	262	370	113	-466	-787	-461	165	587
562	356	631	1139	1371	1127	621	99	-8	352	666	705	614	912	703	319	-17	-308	-584	-860
-1045	-1189	-1303	-1331	-1204	-910	-452	321	1354	1625	1470	1465	1418	1018	246	-419	-937	-1405	-1764	-1837
-1562	-985	-560	-256	146	480	548	368	348	457	544	341	-134	-563	-786	-902	-619	-220	4	117
95	-46	-183	-286	-238	106	676	977	803	676	678	458	340	403	403	636	882	575	934	802
709	737	637	354	104	-202	-293	-279	-438	-556	-495	-152	306	610	633	781	1206	1655	1747	1562
1127	437	-130	-389	-356	-229	-151	-150	-91	-5	-119	-258	-470	-682	-756	-634	-425	-79	205	334
121	-261	-586	-714	-642	-547	-419	-203	-10	-15	-239	-571	-867	-1000	-921	-738	-674	-570	-334	-4
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28	16	6	-6	-13	-22	-31	-40	-47	-54	-56	-52	-48	-45	-52	-47	-31	-19	-13	-15
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7	-10	-22	-28	-38	-53	-66	-70	-74	-78	-67	-49	-33	-15	-3	3	1	-3	-6	-11
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IIC048 71.008.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 ~ 0600 PST
 STATION NO. 241 8244 ORION BLVD. 1ST FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0530 SEC CAMPING = 0.5E5 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 CMP S90W 34 13 16N, 118 28 16W
 DISTANCE 13.8 CM AT 16.50 SEC

PEAK VALS ACCLN = -131.7 CM/SEC/SEC AT 7.02 SEC VELC = 23.9 CM/SEC AT 20.76 SEC DISP = 0.653E7 CM

INITIAL VELC = 1.62659 CM/SEC INITIAL DISP = 0.653E7 CM

2980 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-80	55	95	60	33	-8	-68	-184	-174	-38	-61	-129	-108	-28	4	74	224	231	107
-14	-169	-220	-212	-263	-264	-154	6	262	255	178	167	81	-59	-42	8	-42	-44	-42
30	110	177	165	39	-84	-103	-114	-224	-256	-131	-67	-17	37	60	10	-48	-3	230
330	164	-56	-174	-219	-268	-288	-228	-76	48	26	78	195	172	55	10	12	-46	-4
-22	-79	-72	-37	46	173	233	215	244	269	214	129	-16	-173	-226	-189	-118	-89	-52
-164	-284	-250	-158	-145	-170	-117	19	204	223	97	53	51	-60	-176	-90	138	328	202
-101	-81	-94	-82	-26	95	223	337	323	131	-100	-236	-391	-528	-597	-554	-322	-40	171
724	735	627	438	210	-160	-561	-856	-1111	-1120	-977	-912	-770	-438	63	495	682	522	322
36	-27	197	456	488	361	11	-351	-305	-220	-277	-263	-172	-82	-178	-410	-491	-149	301
134	132	216	285	221	183	127	129	172	183	114	57	99	190	244	205	93	-159	-455
-506	-247	-112	-196	-75	401	574	1239	1046	374	-115	-176	-221	-216	-154	-74	114	314	367
538	748	901	964	861	551	168	-48	-180	-415	-586	-458	-162	144	184	122	195	236	-54
-700	-528	-355	-215	-159	-113	-73	-81	-130	-158	-154	-186	-65	160	160	145	-260	-665	-702
-88	-69	-197	-129	-36	-67	-63	-107	-318	-504	-447	-180	225	558	591	502	356	257	255
218	-134	-507	-719	-708	-561	-416	-219	37	260	386	454	566	767	980	1187	1233	1215	1186
597	249	57	35	28	-23	-103	-90	18	88	196	248	125	-157	-356	-393	-329	-312	-474
-643	-595	-484	-354	-322	-231	43	344	486	309	-156	-526	-575	-531	-508	-481	-427	-286	-184
-255	-56	337	596	538	276	62	-75	-316	-719	-1112	-1317	-1073	-603	-270	-37	150	430	821
544	734	561	483	319	-27	-412	-732	-880	-914	-816	-607	-441	-309	-81	252	670	1015	1104
630	421	250	-25	-351	-502	-413	-310	-215	-30	380	785	1097	1214	1024	590	44	-375	-615
-567	-316	3	142	16	-136	-112	19	209	336	263	50	-69	16	46	42	164	379	527
146	-193	-410	-515	-605	-761	-805	-664	-457	-239	-131	-181	-198	-210	-421	-819	-1069	-927	-618
201	463	382	349	366	359	382	487	791	1133	1294	1276	1036	504	-126	-506	-422	-86	202
85	7	259	545	766	742	476	127	-124	-201	-179	-224	-361	-436	-317	-18	269	356	388
473	324	-65	-450	-391	13	208	-28	-423	-723	-748	-627	-420	-228	-192	-289	-432	-630	-734
-348	-321	-503	-663	-649	-396	-17	333	546	488	188	-42	-54	-47	-130	-188	-93	11	-92
-369	-291	-152	-76	-115	-149	-34	228	519	748	758	483	134	-122	-295	-391	-355	-107	220
742	809	658	518	293	65	-6	117	256	335	353	215	-112	-388	-472	-455	-377	-333	-311
-247	-205	-229	-275	-265	-265	-307	-381	-425	-396	-326	-277	-334	-531	-740	-876	-902	-882	-891
-588	-178	322	736	967	1007	541	784	501	169	-28	16	135	239	260	276	404	575	703
673	663	656	635	630	691	817	980	1102	1127	1049	810	449	165	53	22	-19	-79	-135
-200	-315	-519	-736	-921	-1037	-1042	-1022	-1026	-1056	-1022	-914	-758	-571	-360	-236	-172	-81	7
256	368	455	473	395	252	119	60	83	181	331	453	489	452	305	33	-362	-625	-667
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-871	-890	-858	-783	-647	-445	-286	-164	-10	138	292	357	445	507	544	539	473	309	140
109	160	218	256	261	244	212	157	100	37	-18	-6	63	213	385	467	482	469	444
384	353	314	285	276	321	432	558	675	789	843	842	825	775	669	534	429	380	361
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-272	-445	-502	-471	-419	-325	-190	-50	69	86	45	2	-50	-116	-231	-350	-508	-602	-654	-695
-695	-663	-632	-603	-563	-541	-564	-617	-668	-694	-701	-720	-722	-689	-635	-573	-500	-426	-372	-361
-374	-376	-357	-333	-307	-286	-254	-205	-134	-68	-35	-2	28	52	89	132	151	154	132	82
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334	361	375	371	381	431	484	534	572	585	583	587	611	626	606	569	541	494	456	430
386	386	394	424	458	503	549	566	550	494	416	337	273	236	214	190	160	136	118	92
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68	104	137	172	217	263	301	322	316	302	303	309	293	246	199	160	135	143	167	208
270	298	287	290	325	363	388	409	435	444	409	354	332	351	386	435	505	575	622	677
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225	207	187	171	162	143	107	75	58	66	78	75	45	32	48	60	57	51	53	67
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-149	-145	-135	-125	-122	-128	-125	-124	-147	-119	-54	2	37	47	40	20	-3	-34	-62
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90	106	130	160	186	213	239	260	280	283	277	266	243	223	212	198	165	165	134
105	78	55	57	70	85	96	109	141	202	217	170	121	88	78	88	89	76	43
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17	6	11	15	11	10	25	37	32	-42	-78	-108	-127	-127	-111	-93	-87	-58	-112
-127	-140	-144	-136	-119	-103	-82	-68	-60	-58	-69	-81	-90	-88	-79	-45	6	42	51
44	24	-4	-27	-52	-65	-59	-45	-41	-57	-75	-108	-128	-105	-74	-50	-11	30	53
61	80	90	98	92	74	56	64	76	50	17	-32	-73	-76	-116	-135	-148	-140	-121
-114	-112	-111	-112	-123	-128	-121	-116	-107	-87	-66	-86	-85	-57	-52	-30	-20	-10	-3
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81	81	76	68	59	54	62	66	76	58	36	2	-20	-43	-61	-47	-11	24	36
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IIC048 71.008.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 -- 0600 PST
 STATION NO. 241 8244 ORION BLVD. 1ST FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0530 SEC CAPPING = 0.586 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN C.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 CCMF DOWN 34 13 16N, 118 28 16W

PEAK VALS ACIN = 167.5 CM/SEC/SEC AT 3.62 SEC VELG = -32.0 CM/SEC AT 19.04 SEC CISP = -14.6 CM AT 19.72 SEC

INITIAL VELC = 1.62148 CM/SEC INITIAL CISP = -0.47672 CM

2974 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-601	-392	-226	-132	81	242	302	428	502	273	-36	-235	-414	-515	-410	-140	130	249	142	201
235	166	80	19	18	-39	-112	-255	-370	-405	-321	-171	-115	-152	-25	4	23	209	351	289
70	-151	-156	-63	-30	17	190	437	383	323	440	269	-65	-385	-557	-445	-125	-65	-51	-134
-270	-115	262	420	327	227	357	507	433	204	-196	-495	-461	-280	-153	4	36	-177	-223	-24
138	243	209	-52	-239	-116	-47	-242	-426	-631	-748	-536	-206	226	676	932	599	972	741	663
596	174	-183	-241	-305	-466	-622	-636	-544	-713	-899	-729	-301	281	796	1052	590	804	657	603
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437	126	-147	-158	-353	-592	-421	-57	137	146	115	58	-5	-216	-529	-587	-447	-313	-311	-428
-451	-330	-152	91	388	525	266	-96	-116	20	-5	-445	-1035	-1456	-1556	-1411	-1108	-600	90	880
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46	56	65	69	65	58	59	69	80	82	80	84	91	91	51	51	93	87	67	57
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-102	-101	-55	-88	-84	-87	-98	-102	-101	-103	-102	-93	-88	-81	-72	-63	-57	-50	-42	-36
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93	84	82	77	80	88	90	81	72	63	55	45	32	20	9	-1	-8	-15	-21	-26
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29	27	40	53	61	65	63	60	65	73	67	64	68	71	73	74	75	81	94	110
122	125	129	121	121	133	142	146	141	131	111	93	92	85	76	66	56	47	41	37
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29	19	19	28	38	39	39	49	54	54	47	52	56	52	67	85	88	87	84	84	84
84	83	81	73	68	62	62	49	39	45	49	44	34	26	24	32	41	34	15	-3	-3
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IIC049 71-002.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NG. 242 8244 ORION BLVD. 4TH FLOOR, LOS ANGELES, CAL. COMP NOOW 34 13 16N, 118 28 16W
 INSTR PERIOD = 0.0550 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = -195.2	CM/SEC/SEC AT 12.64 SEC	VELG = 41.8	CM/SEC AT 15.32 SEC	DISP = -17.3	CM AT 10.38 SEC	
4313	INSTRUMENT AND BASELINE CORRECTED DATA IN	MM/SEC/SEC	INITIAL DISP = -0.46135	CM	AT EQUALLY-SPACED INTERVALS OF	0.02	SEC
46	-36	-31	-12	15	15	15	15
81	104	109	57	102	-38	-31	-106
-57	-58	19	52	-48	15	24	-72
144	55	-71	-124	-70	-124	15	172
45	-166	-351	-373	-234	-373	-68	-71
506	350	132	-133	-233	-133	-253	-164
189	246	310	185	-107	185	-516	-458
209	363	359	331	226	331	252	192
161	389	538	615	542	615	-177	-557
-669	-398	16	132	102	132	-105	-184
-433	-1183	-1544	-1341	-1070	-1341	72	452
312	-271	-718	-682	-397	-718	418	701
-277	-154	1	56	161	154	111	550
282	-26	-183	-287	-438	-183	1114	1278
-1566	-1412	-964	-564	-261	-964	-108	-230
332	542	600	449	140	600	-445	-209
670	864	911	970	1146	911	529	416
660	822	850	729	327	850	58	100
-963	-837	-518	-246	-188	-518	332	-51
-587	-225	-83	-123	-136	-83	-917	-893
529	576	627	544	219	627	156	83
939	810	711	449	-61	711	366	1060
-964	-1247	-1374	-1356	-1335	-1374	710	661
835	624	258	-126	-509	258	-1877	-1460
-1002	-965	-890	-812	-595	-890	346	230
1604	1776	1656	1625	1622	1656	453	302
-183	-128	-137	-160	-140	-137	1062	1166
-307	-576	-901	-1225	-1590	-901	56	-43
289	384	611	936	1189	611	-1441	-1027
714	598	418	291	180	418	94	137
-1338	-1313	-1285	-1206	-1157	-1313	1468	1028
-444	-474	-446	-309	-176	-446	-582	-971
718	904	1035	1192	1254	1035	-1566	-1247
76	-2	-119	-234	-326	-119	661	566
-457	-519	-701	-1020	-1269	-701	351	222
-37	-45	-46	-7	32	-46	-1160	-1010
1306	1448	1593	1661	1687	1593	-292	-199
583	478	370	265	159	478	1113	1103
-1272	-1298	-1311	-1321	-1452	-1311	955	509
						-1051	-1065
						-665	-518
						-429	-273
						-845	-845
						-990	-990
						-1124	-1124
						-94	-94
						-1035	-1035
						-1068	-1068
						1043	1043
						920	920
						-552	-552
						-421	-421
						-1179	-1179
						436	436
						815	815
						-1890	-1890
						-1767	-1767
						-89	-89
						-1203	-1203
						-1331	-1331
						-1359	-1359
						-495	-495
						477	477
						94	94
						-444	-444
						-53	-53
						1186	1186
						717	717
						656	656
						-1262	-1262
						-89	-89

9	50	90	161	228	244	209	154	88	27	-9	-16	7	54	129	253	470	787	1070	1205
1241	1245	1208	1158	1136	1103	969	745	519	393	383	368	357	404	444	471	474	456	404	306
182	112	122	123	65	34	-37	-128	-178	-183	-213	-249	-287	-336	-372	-374	-347	-315	-258	-294
-301	-296	-255	-205	-166	-162	-220	-276	-305	-325	-327	-315	-275	-211	-143	-73	-23	-259	14	9
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-309	-304	-299	-301	-310	-324	-311	-287	-305	-375	-484	-593	-660	-692	-688	-664	-637	-583	-457	-411
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328	222	134	64	-17	-120	-216	-296	-343	-378	-415	-422	-404	-387	-344	-335	-357	-373	-400	-470
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127	111	90	69	36	-11	-67	-126	-186	-237	-265	-245	-160	-54	26	105	224	324	390	472
511	454	446	360	246	120	17	-50	-101	-134	-116	-66	-27	-7	-11	-26	-12	32	71	79
27	-48	-123	-183	-218	-256	-296	-324	-301	-237	-174	-129	-117	-131	-143	-119	-82	-48	-26	-14
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405	472	523	548	519	451	388	339	315	307	299	291	282	276	271	270	236	192	138	89
48	14	-15	-54	-101	-144	-177	-208	-239	-250	-236	-221	-210	-206	-210	-230	-271	-328	-381	-433
-479	-518	-547	-566	-577	-585	-593	-605	-597	-561	-501	-427	-370	-357	-362	-346	-333	-324	-312	-290
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266	253	243	239	259	316	391	452	503	525	533	556	601	655	688	677	613	540	495	442
373	325	290	272	265	280	292	302	310	300	251	190	131	88	53	19	-15	-75	-166	-246
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264	338	357	419	429	436	437	413	378	344	312	283	255	236	223	220	228	232	215	192
167	149	139	123	91	49	18	-6	-30	-53	-74	-55	-117	-131	-117	-85	-53	-23	-5	-1
-19	-52	-68	-124	-148	-152	-140	-118	-95	-84	-77	-71	-67	-48	-8	31	64	78	75	75
86	107	127	130	129	129	130	140	164	180	175	162	155	162	182	194	206	216	224	233
240	235	221	205	184	161	140	120	55	61	24	-11	-39	-60	-70	-81	-104	-127	-142	-148
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139	140	123	108	98	92	62	9	-39	-83	-117	-149	-184	-221	-255	-281	-299	-303	-289	-279
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528	502	464	402	338	269	190	123	78	39	15	10	10	-17	-64	-111	-131	-129	-145	-170
-183	-216	-255	-275	-273	-266	-288	-322	-373	-438	-500	-576	-653	-683	-650	-583	-524	-491	-464	-427
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168	156	197	181	171	177	217	255	253	224	208	227	278	320	315	258	211	204	216	218
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174	143	109	77	47	15	-20	-58	-93	-124	-149	-159	-156	-141	-105	-73	-42	-16	3	7

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-193	-159	-117	-78	-42	-3	36	69	86	82	63	29	6	9	36	81	131	177	202	204
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-205	-229	-255	-279	-296	-310	-324	-324	-309	-294	-282	-265	-252	-232	-210	-191	-176	-167	-163	-162
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120	155	193	207	199	178	146	111	75	52	56	63	72	95	154	209	234	247	248	246
234	213	179	137	101	82	82	92	116	148	176	154	207	214	207	183	149	116	50	73
62	56	45	39	41	44	48	54	59	60	-67	-70	16	-8	-28	-45	-70	-94	-100	-93
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-180	-178	-162	-121	-60	-20	-13	1	12	15	19	12	-4	-12	1	33	61	86	57	93
56	109	119	130	141	145	146	154	164	165	160	143	132	129	125	129	129	130	132	134
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-20	-22	-21	-20	-16	-8	0	9	19	23	19	5	-4	-18	-26	-28	-28	-29	-25	-19
-10	-1	0	-5	-11	-17	-23	-28	-28	-22	-14	-10	-7	3	14	24	34	45	53	57
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82	69	55	45	35	37	34	28	23	20	14	3	-5	-15	-31	-43	-51	-57	-65	-74
-80	-79	-77	-75	-73	-69	-66	-66	-65	-65	-65	-65	-68	-73	-78	-79	-74	-66	-55	-46
-36	-18	-4	3	8	10	15	23	30	37	42	46	49	50	51	53	55	58	62	69
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167	170	170	165	153	143	149	160	159	155	150	143	132	114	93	71	51	36	30	27
23	18	12	4	-8	-22	-31	-38	-45	-53	-56	-55	-55	-54	-54	-56	-64	-74	-80	-87
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IIC049 71.002.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
STATION NO. 242 8244 ORION BLVD. 4TH FLOOR, LOS ANGELES, CAL.
INSTR PERIOD = 0.0530 SEC DAMPING = 0.543 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
CCMP S90W 34 13 16N, 118 28 16W

PEAK VALS ACCLN = 231.5 CM/SEC/SEC AT 7.88 SEC VELO = -33.5 CM/SEC AT 17.08 SEC DISP = 19.3 CM AT 16.52 SEC

INITIAL VELC = 0.24105 CM/SEC INITIAL DISP = 0.71526 CM

4313 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

57	49	-2	30	112	118	21	-56	-26	19	-35	-49	48	84	38	6	-3	37	76	77
65	50	-7	-122	-240	-265	-215	-192	-170	-5	222	360	310	165	28	-102	-216	-257	-184	-6
178	286	356	381	327	195	13	-151	-243	-247	-215	-211	-144	-54	10	60	36	-67	-164	-274
-297	-162	-15	111	123	20	-65	-126	-157	-158	-86	56	200	336	394	303	131	-13	-144	-272
-328	-261	-106	41	109	149	164	144	103	52	3	-15	0	20	38	47	20	-10	29	69
108	135	13	-164	-227	-273	-347	-361	-275	-93	105	157	57	-78	-148	-205	-296	-246	-14	263
447	430	316	247	213	111	-31	4	231	475	541	352	115	-75	-321	-641	-856	-841	-568	-223
220	548	690	695	447	-28	-480	-872	-1162	-1326	-1188	-834	-467	-35	408	746	858	749	362	-136
-557	-839	-943	-722	-194	405	831	556	829	567	306	90	-221	-494	-414	-146	-8	3	88	327
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-396	-415	-225	34	224	292	523	979	1278	1166	661	-129	-642	-847	-871	-751	-467	11	495	927
1304	1382	1154	832	609	436	100	-340	-482	-372	-174	10	175	375	571	739	696	403	124	-117
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76	-104	-265	-359	-391	-449	-556	-674	-772	-840	-841	-730	-584	-506	-562	-733	-519	-1061	-1135	-1166
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108	114	130	145	158	166	170	167	160	155	145	118	82	50	33	34	34	33	32	31
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94	102	109	114	121	121	100	67	40	32	35	39	47	66	103	159	219	274	327	377
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11C049 71.002.0 SAN FERNANDC EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 116 23 42W
 STATION NC. 242 8244 ORION BLVD. 4TH FLOOR, LOS ANGELES, CAL. CCMP DOWN 34 13 16N, 118 28 16W
 INSTR PERIOD = 0.0530 SEC DAMPING = 0.575 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -223.1 CM/SEC/SEC AT 3.46 SEC VELO = -31.2 CM/SEC AT 15.02 SEC CISP = -12.4 CM AT 19.70 SEC

INITIAL VELO = -0.57880 CM/SEC INITIAL CISP = 0.63631 CM

4320 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS CF 0.02 SEC

-340	-458	-239	203	354	107	39	471	735	346	-239	-342	-305	-450	-433	-155	250	472	206	-157
67	421	-268	-78	-233	39	288	102	-357	-622	-524	-334	-161	-7	-13	-181	-172	58	354	508
391	12	-452	-566	-215	166	164	102	329	617	577	373	331	137	-350	-933	-1005	-183	553	146
-453	-548	-180	437	670	543	261	223	549	691	255	-466	-1057	-834	-212	173	202	-49	-300	-268
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472	315	-47	-399	-601	-664	-447	53	354	257	-102	-275	-55	89	-382	-1037	-572	-486	-132	-135
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-953	-894	-838	-784	-722	-651	-600	-565	-528	-491	-454	-417	-385	-362	-335	-309	-269	-226	-187	-150
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-517	-431	-344	-266	-201	-138	-74	-13	53	135	228	327	430	529	588	542	456	385	317	254
191	149	127	109	132	219	317	446	588	679	670	583	491	382	255	182	158	131	102	71
35	-8	-50	-87	-106	-100	-78	-57	-64	-85	-129	-157	-288	-389	-464	-528	-553	-517	-493	-495
-500	-487	-435	-369	-311	-253	-204	-173	-158	-144	-137	-125	-116	-57	-58	9	80	150	216	266
295	324	359	394	431	473	528	597	697	831	976	1085	1099	1010	902	829	793	751	694	623
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-852	-864	-893	-893	-901	-925	-952	-986	-1026	-1060	-1081	-1092	-1110	-1138	-1152	-1056	-587	-855	-720	-646
-602	-560	-518	-464	-406	-339	-266	-197	-130	-63	9	77	129	165	208	253	311	374	447	524
601	655	781	841	886	916	942	963	976	975	971	964	956	941	916	891	863	837	833	838
816	749	639	520	415	358	336	299	272	239	174	104	27	-41	-84	-105	-112	-120	-128	-138
-162	-157	-230	-261	-290	-324	-371	-425	-475	-521	-564	-611	-660	-704	-733	-732	-687	-635	-589	-545
-504	-462	-418	-376	-351	-352	-362	-382	-364	-364	-341	-303	-260	-230	-200	-169	-136	-89	-37	5
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274	316	358	398	437	468	473	462	459	463	473	457	528	566	608	638	636	592	543	493
447	414	396	389	374	338	297	260	224	189	154	118	77	37	-2	-36	-67	-99	-138	-182
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-193	-188	-174	-140	-74	-10	48	100	141	182	215	226	241	265	303	342	390	430	440	441
437	421	397	384	393	401	394	382	364	343	316	289	259	222	202	185	166	147	124	81
25	-25	-76	-118	-160	-201	-232	-257	-288	-334	-384	-429	-467	-500	-518	-532	-539	-519	-492	-481
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-920	-794	-690	-642	-604	-568	-516	-474	-444	-396	-336	-291	-232	-179	-128	-50	17	76	148	203
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-192	-182	-171	-157	-141	-127	-117	-101	-76	-52	-37	-23	-17	-16	-13	-3	11	23	35	51
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48	41	28	6	-13	-29	-44	-55	-63	-72	-79	-86	-92	-100	-112	-131	-141	-138	-136	-133
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24	39	62	73	73	76	72	74	73	69	66	65	74	76	74	78	90	92	89
89	81	55	24	11	7	1	-9	-15	-21	-28	-37	-48	-62	-77	-88	-82	-74	-65
-61	-53	-35	-17	-7	-4	-11	-9	1	8	19	34	50	61	62	65	78	82	87
94	106	112	115	119	115	137	101	104	113	121	130	139	143	150	161	157	144	127
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-67	-78	-86	-86	-87	-93	-97	-111	-133	-153	-169	-168	-153	-142	-135	-118	-100	-92	-108
104	-57	-86	-86	-87	-93	-97	-111	-133	-153	-169	-168	-153	-142	-135	-118	-100	-92	-108

110050 71.014.0
STATION NO. 243
INSTR PERIOD = 0.0530 SEC

CAMPING = 0.555

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
8244 ORION BLVD. 8TH FLOOR, LOS ANGELES, CAL.

EPICENTER 34 24 00N, 118 23 42W
COMP S90W 34 13 16N, 118 28 16W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS AGLN = 313.5 CM/SEC/SEC AT 9.20 SEC VELO = -43.2 CM/SEC AT 17.12 SEC DISP = 21.9 CM AT 16.62 SEC

INITIAL VELC = 1.44223 CM/SEC INITIAL DISP = 0.49167 CM

2923 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-157	-131	-176	-174	-75	22	41	43	105	204	244	216	148	61	-15	-67	-105	-132	-117	-94
-116	-155	-91	4	79	149	162	99	-5	-155	-283	-351	-420	-464	-367	-105	186	426	528	491
337	152	20	-58	-74	-18	58	148	212	299	375	335	173	-41	-258	-410	-535	-594	-548	-418
-399	-208	-126	-93	-162	-254	-171	25	190	370	497	450	281	54	-155	-231	-162	-69	60	203
322	340	224	42	-130	-277	-405	-460	-347	-206	-116	-16	88	165	247	318	334	368	360	279
217	121	-13	-113	-192	-198	-144	-228	-390	-397	-525	-563	-665	-700	-526	-254	-4	174	255	248
172	114	76	160	353	563	725	703	540	397	315	176	7	-33	47	188	266	168	-65	-378
-756	-1185	-1459	-1409	-1066	-467	281	635	840	1205	1418	1392	946	277	-360	-955	-1484	-1789	-1743	-1362
-822	-259	268	684	866	770	425	-62	-429	-479	-50	614	1131	1473	1502	1139	732	447	142	-196
-444	-573	-727	-917	-899	-614	-378	-240	-191	-314	-479	-540	-508	-441	-358	-198	82	388	628	735
793	883	1013	1028	768	411	77	-257	-577	-653	-511	-334	-131	301	848	1438	1689	1292	455	-306
-808	-1081	-1120	-971	-738	-199	528	1085	1398	1588	1596	1506	1276	778	262	-70	-262	-518	-585	-479
-302	-86	150	165	-11	-216	-489	-922	-1444	-1842	-1895	-1613	-1213	-840	-555	-304	-39	53	-47	-187
-324	-315	-148	84	272	297	134	6	16	125	307	591	641	377	212	107	-124	-431	-472	-258
-125	124	410	638	750	667	592	569	516	261	-209	-675	-1057	-1302	-1250	-573	-649	-300	94	385
502	568	772	1151	1517	1755	1768	1619	1559	1481	1275	1062	958	942	859	631	362	215	172	184
146	-65	-393	-850	-1353	-1790	-2088	-2083	-1923	-1865	-1888	-1820	-1664	-1472	-1244	-949	-613	-338	-226	-316
-506	-637	-527	-326	-177	-56	72	199	284	307	484	776	1092	1593	2052	2083	1635	955	291	-286
-710	-1087	-1286	-1084	-618	-190	213	652	1021	1275	1336	1076	663	258	-141	-539	-1104	-1723	-2063	-1936
-1459	-979	-631	-246	88	426	778	1122	1309	1222	841	448	173	-86	-277	-392	-407	-169	191	612
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488	516	367	110	-103	-286	-473	-532	-242	211	527	805	1115	1273	1184	852	632	472	345	347
377	257	166	-105	-409	-511	-501	-443	-403	-452	-523	-611	-707	-845	-1015	-1201	-1318	-1325	-1246	-1104
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203	341	428	517	603	671	724	779	835	890	940	982	1006	991	928	800	654	596	502	446
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-784	-780	-723	-635	-557	-500	-457	-409	-360	-306	-245	-167	-64	-3	67	114	139	134	95	56
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409	417	427	445	465	487	505	520	527	526	507	469	429	365	342	259	256	214	173	134
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35	28	21	8	-5	-14	-21	-30	-49	-69	-81	-85	-76	-58	-47	-40	-40	-44	-48	-52

[illegible]

11C050 71.014.0 SAN FERNANDC EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 243 8244 ORION BLVD. 8TH FLOOR, LOS ANGELES, CAL. CGMP DOWN 34 13 16N, 118 28 16W
 INSTR PERIOD = 0.0530 SEC DAMPING = 0.618 ACCELEROGARM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN =	211.5	CM/SEC/SEC AT 3.96 SEC	VELO =	31.8	CM/SEC AT 20.50 SEC	LISF =	14.0	CM AT 10.60 SEC
2922 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC									
INITIAL VELC = -2.04540 CM/SEC INITIAL DISP = 1.68693 CM									
-6	-719	-517	120	426	-49	-274	410	783	414
-314	331	634	143	-202	-84	192	274	110	-347
635	518	-64	-609	-591	-7	345	79	29	392
43	-542	-462	-254	319	746	733	446	331	538
-485	-201	371	658	444	-228	-620	-278	198	-156
592	356	390	-356	-680	-54	-21	-566	-1166	-848
1066	653	-346	-1134	-750	-274	-343	107	734	615
315	-42	277	121	-271	-615	-733	-587	168	716
-41	64	-126	-405	-186	520	1046	359	-764	-945
2072	1677	1215	1364	990	412	-3	-330	-577	-638
1039	89	-551	-194	441	-20	-496	-797	-901	-458
525	631	-142	-627	135	1222	541	-567	-1309	-511
873	389	-388	-358	-87	-236	-634	-352	-122	-164
-186	-243	-129	-3	287	41	-1370	-2018	-610	893
-266	712	835	978	1609	1612	895	-68	-280	-319
-445	-108	-689	-950	-72	1178	1956	1465	173	-423
-52	-42	238	801	1199	545	-647	-1379	-1827	-1762
-107	37	-708	-796	121	1086	1133	-272	-1488	-1051
-1271	-1636	-1484	-568	90	208	129	41	405	1323
-140	-838	-768	-114	621	1016	1074	626	30	-42
-229	127	583	484	220	374	560	615	422	205
368	327	303	451	726	896	471	-96	193	760
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-400	-663	-428	163	139	-213	-207	-54	29	-214
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-37	61	123	190	212	184	33	-233	-321	-358
483	337	-102	-355	-480	-658	-824	-567	-193	151
63	56	216	329	282	159	12	-210	-384	-318
334	332	192	166	222	394	748	1000	848	449
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-232	-41	86	23	-131	-257	-326	-306	-270	-180
195	220	122	-31	-167	-207	-90	91	262	156
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-142	-194	-389	-142	-194	-268	-240	-230	-230	-230
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-401	-720	-717	-401	-720	56	76	-63		
-203	-37	68	-203	-37	39	-252	-356		
-672	-241	202	-672	-241	72	-375	-700		
248	56	-23	248	56	446	402	408		
1006	860	674	1006	860	479	757	573		
-16	248	-126	-16	248	-1562	-1685	-909		
405	188	-392	405	188	-159	-451	-12		
611	876	-166	611	876	-246	-927	-478		
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IIC051 71.005.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 151 250 E FIRST STREET BASEMENT, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0480 SEC CAMPING = 0.560 ACCELEROGKAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP N54W 34 03 01N, 118 14 26W

PEAK VALS ACIN = 122.7 CM/SEC/SEC AT 2.82 SEC VELC = 21.9 CM/SEC AT 5.88 SEC DISP = 11.6 CM AT 7.00 SEC

INITIAL VELC = 2.64840 CM/SEC INITIAL DISP = 1.16665 CM

2615 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-187	-376	-416	-340	-350	-349	-243	-165	-108	-141	-210	-14	380	551	495	455	346	181	166	323
383	425	459	351	82	-6	-101	-233	-137	-44	-167	-456	-501	-151	-115	-366	-574	-555	-367	-291
-242	-116	-9	-1	40	101	-165	-401	-158	76	21	-25	89	337	275	-28	-110	286	412	19
-315	-260	-121	107	-106	-436	-157	1	56	122	-36	-230	-365	-250	104	562	572	250	-63	-92
202	361	217	376	649	585	411	451	270	-306	-727	-766	-521	-215	-95	-197	-188	124	453	437
43	-205	2	-18	-327	-518	-605	-536	-167	-173	-727	-766	-521	-215	-95	-197	-188	124	453	437
55	255	222	-127	-511	-735	-646	-224	-150	-112	-5	-124	-247	-165	-127	-413	59	321	176	-41
1109	1227	807	170	145	472	690	791	741	586	489	500	290	-113	-405	-88	66	13	112	665
-625	-357	-225	-440	-703	-656	-426	-178	-102	-106	-5	28	60	177	554	-541	-460	-95	21	-393
-223	-377	-303	-358	-378	-114	133	-92	-55	255	464	351	257	274	32	-276	-90	37	-236	-512
-414	-345	-200	163	253	-262	-671	-486	-245	-390	-213	324	619	421	421	701	707	257	-34	88
34	29	158	235	249	332	440	566	505	280	124	245	302	346	605	769	768	482	37	-97
135	148	-53	43	-84	-368	-596	-537	-153	-50	-158	-163	-326	-215	-170	-68	132	115	74	210
380	390	128	-26	-47	-131	-44	124	18	-160	-295	-374	-219	-258	-522	-545	-387	-40	185	464
942	926	643	621	892	934	798	623	653	672	505	253	135	226	101	-171	-456	-682	-753	-769
-661	-341	-83	-16	107	13	-314	-448	-394	-358	-420	-568	-629	-577	-467	-339	-242	-152	7	223
420	497	477	388	281	274	408	383	140	-17	-26	-173	-233	-144	-255	-497	-620	-562	-256	85
240	143	-55	-221	-274	-247	-375	-498	-572	-545	-448	-342	-212	-121	-212	-366	-292	-98	61	173
228	220	284	343	263	146	227	351	360	189	-124	-373	-527	-542	-366	-250	-251	-322	-342	-345
-342	-385	-462	-479	-412	-369	-358	-333	-355	-354	-255	-132	-211	-346	-306	-148	-88	-99	-105	-43
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-6	-6	0	5	8	11	13	13	13	11	6	1	-2	-2	0	0	0	5	-4	-4	-6

II0051 71.005.0
STATION NO. 151
INSTR PERIOD = 0.0470 SEC DAMPING = 0.583

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - C600 PSI
250 E FIRST STREET BASEMENT, LOS ANGELES, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 34 03 01N, 118 14 26W

PEAK VALS ACCLN = 48.0 CM/SEC/SEC AT 5.40 SEC VELC = -7.8 CM/SEC AT 4.68 SEC DISP = 5.8 CM AT 3.74 SEC

INITIAL VELO = -1.82065 CM/SEC INITIAL DISP = -1.53444 CM

2616 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

150	22	18	-1	2	151	172	-29	-122	-8	10	52	21	-81	-42	106	208	202	121	24
-21	78	156	142	139	30	-20	99	167	29	-54	-83	-104	-20	30	-2	-117	-112	-73	3
22	-133	-102	111	180	184	169	62	-15	70	170	131	54	-27	-110	-92	-8	-110	-250	-100
115	94	22	34	170	200	101	-33	-121	-177	-81	89	182	88	43	47	83	77	-26	-128
-98	7	85	134	127	95	51	-21	7	137	91	-4	2	58	128	74	-9	-78	-146	-107
38	155	72	80	171	206	150	-44	-219	-157	-60	-6	-11	106	105	-18	-193	-181	64	18
-266	-250	16	439	480	99	-320	-414	-280	-224	-172	-65	34	119	144	124	102	69	13	-58
-131	-127	-98	-23	75	-40	-183	-113	77	121	-83	-226	-155	11	127	82	-62	-157	-130	-41
-105	-122	54	239	185	33	-19	29	19	-45	-102	-88	19	40	3	0	-21	1	78	144
41	-84	-84	-116	-145	-214	-242	-204	-224	-306	-336	-264	-266	-351	-373	-211	-31	-50	-35	59
86	113	202	135	14	21	66	6	-52	-49	-78	-101	-140	-211	-231	-16	88	-66	-180	-143
-49	-33	-92	-136	-85	24	4	-50	63	157	113	-148	-288	-205	-7	75	72	112	160	31
-7	35	121	111	58	11	9	-6	-89	-142	-85	70	139	140	173	133	32	38	69	18
26	108	169	109	55	182	271	300	362	459	480	404	268	167	168	197	129	17	5	45
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63	-16	-17	26	2	-32	29	112	150	160	153	132	83	10	-83	-171	-141	-36	-2	-78
-170	-173	-133	-122	-169	-225	-217	-104	9	-12	-64	-43	-29	-59	-67	-25	21	5	-59	-106
-89	-46	-4	-6	-19	-30	-11	53	66	31	-73	-181	-223	-165	-58	-119	-183	-167	-104	-53
-74	-85	-54	-48	-122	-138	-111	-136	-203	-193	-154	-159	-159	-91	44	82	43	-3	40	32
-13	-19	-16	-10	-30	-67	-121	-143	-103	-50	-61	-82	-59	-76	-131	-173	-129	11	142	136
85	78	141	193	170	126	75	50	-8	-53	-57	-44	-17	-24	-30	39	127	141	112	126
155	130	67	27	29	55	62	48	24	-6	-10	5	7	-21	1	46	40	24	42	75
86	53	14	-5	-4	-15	-37	-50	-20	4	-26	-102	-86	-11	6	-42	-78	-40	28	70
76	75	58	167	214	212	217	238	283	284	233	214	209	187	112	20	-30	-14	-6	-29
-66	-88	-112	-133	-130	-120	-87	-36	6	39	87	157	203	192	55	26	51	79	52	7
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113	133	125	81	47	12	-15	-14	4	10	-32	-70	-70	-55	-52	-59	-64	-70	-64	-55
-50	-63	-76	-78	-76	-72	-74	-95	-131	-137	-134	-148	-145	-125	-116	-109	-71	-12	-24	-83
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-12	-13	-16	-18	-7	-3	-7	10	12	-8	11	12	11	9	6	4	4	6	8	2	-5	-10	-10
-13	-16	-11	-8	-9	-13	-7	-8	-1	-1	1	-1	1	-1	-6	-6	-3	0	0	5	-4	-13	-18
-16	-11	-19	-15	-14	-9	-11	-15	-12	-13	-17	-10	-17	-22	-17	-7	-2	-5	-11	-14	-10	-10	-15
-19	-19	-19	-15	-14	-14	-9	12	-12	10	5	1	-9	-9	-5	-2	-6	-4	-4	-4	-4	-4	-4
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7	10	10	21	27	27	19	12	12	13	11	11	11	11	11	11	11	11	10	8	4	-1	-8
-10	-7	-3	-7	-4	-4	-6	6	7	-6	4	-4	4	-4	7	-3	8	2	-1	-2	-2	-1	-8
-8	-9	-9	-6	-4	-4	-6	-7	-7	-7	-9	-9	-9	-9	-6	-3	-3	-3	-1	-2	6	11	14
13	11	10	10	8	-10	-11	-5	-6	8	6	5	6	5	2	-1	-5	-5	-5	-5	-5	-5	-5
-7	-8	-8	-9	-9	-11	-11	-11	-10	-8	-9	-6	-9	-9	-1	-5	-7	-3	-1	-4	-7	-9	-10
-14	-13	-13	-11	-11	-11	-11	-11	-10	-11	-7	-4	-7	-4	-1	4	5	1	3	4	5	3	1
1	1	1	1	1	1	1	5	5	5	6	9	6	6	12	14	15	19	26	27	27	27	25
22	19	19	19	18	16	16	10	7	14	6	6	6	6	6	6	14	15	15	18	19	15	15
14	11	11	3	-2	-2	-2	-2	-3	-2	-6	-7	-6	-7	-3	-3	-2	-1	-7	-16	-17	-14	-12
-12	-12	-12	-12	-12	-12	-12	-11	-11	-12	-11	-11	-11	-11	-6	-6	-1	3	3	3	1	0	-1
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25	19	18	14	14	13	14	16	17	14	18	19	18	19	18	18	15	14	15	18	19	19	19
15	15	13	14	10	10	10	8	8	7	8	8	8	8	8	8	9	12	12	12	12	12	12
13	13	13	12	13	13	13	6	2	11	-2	-4	-2	-4	0	-2	-5	-7	-7	-5	-4	-3	-3
-3	-4	-4	-4	-4	-4	-4	-4	-4	-4	-3	-3	-3	-3	-6	-6	-6	-5	-5	-5	-5	-5	-4
-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-3	-3	-3	-1	1	4	6	5	10
10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	16	18	17	6	5	5

IIC052 71.011.0

STATION NO. 152

INSTR PERIOD = 0.0460 SEC

CAMPING = 0.565

SAN FERNANDO EARTHQUAKE

FEB 9, 1971 - 0600 PST

250 E FIRST STREET 8TH FLOOR, LOS ANGELES, CAL.

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER

34 24 00N, 118 23 42W

COMP N36E 34 C3 01N, 118 14 28W

PEAK VALS

ACLN = -189.2 CM/SEC/SEC AT 4.68 SEC

VELC = -0.97033 CM/SEC

INITIAL VELC = -0.97033 CM/SEC

INITIAL DISP = -0.66131 CM

VELC = 27.6 CM/SEC AT 9.40 SEC

DISP = -13.5 CM AT 6.28 SEC

2611

INSTRUMENT AND BASELINE CORRECTED DATA IN

MM/SEC/SEC

AT EQUALLY-SPACED INTERVALS OF

0.02

SEC

0.02

SEC

0.02

SEC

0.02

-162	-159	-123	-43	30	62	99	114	82	8	-18	9	54	154	270	313	358	353	345	318
312	264	159	58	-33	-93	-72	-75	-145	-260	-351	-470	-519	-620	-803	-868	-685	-521	-397	-248
-125	-52	38	141	207	229	235	235	226	227	280	420	557	524	421	437	499	429	195	-37
16	272	535	567	306	30	-58	8	-61	-338	-557	-615	-614	-595	-658	-718	-571	-368	-232	-167
-173	-191	-184	-102	1	54	84	79	10	5	195	478	586	438	217	73	89	175	275	334
253	36	-113	-55	106	56	-91	46	439	677	649	430	124	-35	-55	-101	-235	-357	-417	-234
56	172	122	61	38	153	352	411	351	330	407	454	353	10	-342	-514	-386	-212	-140	-157
-170	-105	43	141	150	49	-127	-287	-391	-347	-170	-65	-139	-251	-240	-117	-123	-251	-356	-358
-344	-334	-343	-381	-411	-284	102	373	272	149	151	263	349	331	192	62	19	55	150	243
349	485	645	754	760	630	467	278	64	-170	-286	-347	-424	-603	-804	-839	-662	-435	-356	-362
-411	-479	-557	-573	-491	-394	-295	-183	-111	-46	4	159	574	985	990	707	494	577	733	731
661	650	677	713	707	668	554	362	213	15	-125	-463	-333	-1481	-1892	-1828	-1365	-886	-522	-290
-83	21	-6	31	102	186	261	278	205	83	93	319	597	733	480	470	397	543	496	496
305	94	-10	66	209	266	160	-99	-344	-407	-425	-470	-530	-518	-386	-245	-159	-162	-237	-314
-303	-184	-91	-94	-199	-294	-334	-290	-148	-25	32	67	144	214	254	300	332	268	147	22
-27	-15	-3	-1	-19	-44	-5	82	57	-86	-197	-118	109	287	437	538	578	577	529	434
267	32	-178	-318	-453	-612	-738	-777	-739	-672	-562	-368	-158	6	100	195	255	209	44	-145
-264	-369	-536	-704	-774	-721	-540	-317	-110	6	-3	-55	-86	-15	112	181	217	229	228	219
199	141	43	-47	-73	-43	-45	-71	-124	-158	-175	-187	-194	-194	-156	-207	-214	-193	-144	-56
-66	-84	-136	-207	-280	-330	-261	-135	16	150	237	204	138	102	133	210	239	217	155	190
159	56	-67	-123	-58	-72	-38	11	121	314	535	756	906	904	823	703	594	481	367	282
221	158	252	340	436	524	580	540	450	343	233	141	44	-39	-99	-106	-65	-21	20	55
84	117	165	222	269	308	323	307	281	235	184	179	251	353	446	514	556	561	540	521
504	487	465	427	380	335	285	220	147	72	3	-38	-26	-15	-27	-51	-53	-66	-106	-169
-205	-238	-319	-431	-536	-632	-702	-730	-727	-714	-656	-667	-632	-600	-561	-522	-465	-357	-157	-28
103	167	152	105	55	30	-1	-48	-102	-142	-171	-165	-164	-170	-175	-184	-216	-266	-332	-393
-443	-519	-613	-696	-764	-821	-858	-966	-982	-962	-899	-737	-643	-540	-425	-342	-315	-304	-305	-318
-325	-321	-304	-267	-218	-169	-121	-61	10	76	137	156	255	257	295	256	221	221	260	234
292	285	291	309	316	310	291	261	222	169	89	-14	-101	-148	-102	-26	2	-8	-28	-23
-8	-11	-39	-62	-66	2	129	242	360	492	675	826	905	897	841	793	744	695	648	604
567	538	504	470	448	426	409	368	308	267	247	236	227	210	165	145	86	30	20	55
98	136	156	155	153	154	160	147	116	91	90	88	59	16	-8	6	51	79	52	-9
-67	-93	-69	-57	-85	-159	-225	-262	-278	-296	-262	-222	-116	-73	-123	-178	-215	-207	-233	-306
-356	-371	-391	-386	-352	-322	-302	-273	-269	-273	-261	-249	-232	-216	-207	-218	-224	-218	-218	-216
-201	-200	-220	-254	-293	-308	-284	-246	-221	-226	-243	-253	-243	-182	-107	-45	14	49	46	2
-46	-85	-108	-84	-48	-18	12	29	37	41	56	72	78	57	155	213	258	309	315	433
491	537	500	437	384	352	341	318	289	238	179	188	226	234	190	105	45	-3	-25	-41
-49	-49	-38	-26	-16	-21	-21	-7	16	63	138	210	230	213	195	175	177	200	240	280
529	353	348	331	317	310	308	297	263	200	139	89	63	47	33	-14	-91	-180	-244	-316
-351	-397	-453	-497	-498	-517	-542	-560	-582	-603	-623	-643	-678	-657	-634	-540	-432	-311	-197	-141

-135	-139	-117	-79	-53	-34	-12	16	43	62	58	40	36	47	45	-10	-73	-121	-136	-108
-91	-96	-140	-222	-320	-372	-347	-320	-328	-348	-361	-360	-331	-290	-246	-205	-167	-124	-107	-129
-146	-132	-57	-58	-26	-6	24	76	167	261	364	435	461	486	526	572	595	622	664	692
681	640	554	467	405	358	290	218	133	90	100	138	148	136	120	105	99	95	66	71
52	45	49	60	78	110	157	216	260	255	241	255	287	289	263	232	210	202	204	197
161	101	58	49	70	87	87	72	51	44	54	47	25	14	25	44	47	25	-34	-87
-108	-104	-90	-111	-163	-220	-256	-256	-246	-287	-342	-353	-363	-351	-326	-319	-329	-337	-350	-357
-362	-361	-359	-367	-368	-358	-349	-338	-324	-302	-259	-199	-145	-108	-80	-46	-9	2	-10	-27
-54	-57	-133	-145	-153	-159	-158	-142	-122	-110	-112	-121	-115	-57	-84	-85	-90	-90	-83	-70
-54	-34	-16	-8	-8	-6	1	7	13	27	59	118	183	227	232	226	226	239	254	259
245	229	211	188	175	173	184	201	227	276	312	315	310	316	340	340	332	343	362	350
318	291	269	250	230	213	212	190	151	108	87	82	74	65	55	64	62	53	42	29
21	26	26	27	42	60	66	65	62	56	49	41	34	26	34	54	68	67	41	16
-8	-22	-17	-8	-9	-27	-64	-113	-166	-213	-245	-268	-291	-318	-347	-374	-401	-429	-456	-485
-488	-471	-456	-438	-420	-406	-403	-399	-379	-343	-294	-236	-188	-141	-91	-62	-53	-44	-23	-12
-15	-30	-43	-49	-59	-72	-90	-97	-94	-102	-114	-122	-125	-136	-148	-168	-195	-227	-248	-261
-263	-252	-239	-224	-196	-163	-131	-98	-60	-23	2	23	50	80	111	143	177	218	271	330
377	416	459	505	537	550	559	569	580	585	565	523	482	442	391	330	256	183	145	116
84	54	25	0	-24	-44	-49	-32	-14	-10	-15	-11	12	55	94	128	159	185	202	213
224	234	245	257	271	282	291	285	252	232	222	213	197	177	143	104	69	38	10	-13
-30	-39	-43	-46	-48	-55	-72	-101	-120	-143	-187	-251	-325	-391	-432	-464	-497	-504	-531	-552
-530	-511	-478	-439	-397	-356	-322	-304	-278	-239	-198	-174	-152	-122	-108	-95	-77	-57	-44	-38
-36	-21	6	29	45	48	45	33	6	-42	-77	-90	-104	-132	-132	-145	-159	-176	-203	-236
-256	-265	-259	-248	-240	-227	-202	-161	-114	-67	-43	-41	-42	-26	8	47	82	127	177	226
275	320	370	439	513	567	602	614	600	554	480	411	352	321	302	278	254	228	202	176
151	126	101	78	58	42	28	16	5	-5	-11	-11	-11	-10	-6	9	31	64	53	108
129	154	185	218	257	294	323	338	338	328	314	292	260	216	176	148	133	111	77	51
44	46	43	20	-16	-59	-98	-138	-168	-187	-202	-236	-293	-358	-408	-451	-487	-512	-518	-505
-483	-455	-426	-392	-360	-330	-304	-277	-247	-215	-181	-144	-109	-83	-70	-68	-71	-67	-55	-36
-20	-11	-2	8	17	14	-5	-29	-56	-79	-100	-125	-150	-174	-201	-230	-250	-266	-290	-311
-326	-336	-338	-332	-309	-283	-259	-235	-212	-195	-185	-172	-158	-139	-119	-104	-75	-11	40	85
127	168	209	254	300	342	373	399	430	441	432	414	390	372	354	327	288	255	236	217
199	180	155	127	100	73	60	60	60	60	58	56	52	45	22	-1	-6	13	47	82
116	143	171	199	219	232	256	286	307	312	307	292	271	242	213	188	166	153	152	159
161	148	122	91	72	77	98	114	97	37	-17	-43	-56	-81	-148	-216	-255	-256	-228	-235
-271	-292	-267	-211	-162	-126	-105	-95	-98	-105	-117	-136	-161	-180	-178	-176	-194	-200	-155	-108
-78	-58	-39	-26	-14	-2	0	-18	-36	-41	-42	-59	-84	-117	-172	-223	-247	-249	-240	-235
-243	-259	-256	-217	-173	-169	-193	-198	-159	-89	-38	-31	-54	-93	-118	-95	-78	-77	-80	-68
-39	4	29	53	93	135	177	195	207	222	239	249	259	231	175	119	82	70	84	86
73	72	92	109	120	119	114	105	83	54	36	25	34	40	56	82	58	104	105	106
121	136	127	57	74	71	86	102	111	121	138	152	164	163	162	173	177	168	145	133
121	107	93	80	76	81	81	60	41	30	18	10	0	-18	-43	-63	-82	-101	-119	-137
-155	-172	-188	-204	-216	-209	-191	-179	-182	-195	-204	-215	-230	-242	-232	-206	-155	-194	-191	-160
-124	-86	-46	-17	-4	-5	-19	-31	-30	-18	-10	-4	-9	-21	-37	-51	-60	-64	-69	-72
-73	-75	-77	-83	-92	-101	-111	-120	-127	-133	-134	-131	-121	-115	-122	-138	-144	-150	-151	-151
-147	-121	-82	-49	-18	1	17	36	58	79	101	133	163	173	159	142	137	149	160	165
172	153	227	256	273	263	241	221	203	189	187	183	167	141	105	78	68	52	35	23
12	12	21	26	32	36	33	17	7	8	24	45	75	80	84	88	95	102	110	118
127	136	146	155	165	173	177	179	176	162	144	129	121	112	100	88	75	62	42	19
-5	-29	-45	-66	-83	-100	-122	-148	-182	-195	-195	-206	-229	-252	-266	-273	-268	-263	-256	-246

IIC052 71.011.0
STATION NO. 152
INSTR PERIOD = 0.0470 SEC DAMPING = 0.586

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
250 E FIRST STREET 8TH FLOOR, LOS ANGELES, CAL.
ACCELEFCGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EFICENTER 34 24 00N, 118 23 42W
CCMP N54W 34 C3 01N, 118 14 26W

PEAK VALS ACCLN = -167.8 CM/SEC/SEC AT 7.96 SEC VELO = -37.9 CM/SEC AT 8.20 SEC DISP = 20.0 CM AT 7.16 SEC

INITIAL VELC = 4.02890 CM/SEC INITIAL DISP = 2.01754 CM

2614 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-5	-86	-194	-275	-277	-210	-134	-110	-83	-111	-208	-313	-365	-444	-455	-463	-385	-344	-314	-274
-173	79	385	602	748	776	705	689	737	754	747	751	705	597	358	91	-87	-211	-313	-440
-549	-668	-727	-682	-678	-787	-893	-916	-903	-860	-799	-700	-537	-334	-196	-242	-206	-12	-233	345
331	286	419	683	811	771	855	1003	1026	860	646	581	537	403	191	-58	-227	-267	-283	-369
-516	-658	-887	-999	-931	-685	-455	-486	-448	-406	-403	-437	-341	-121	160	436	732	801	558	340
185	216	230	191	106	47	66	116	80	99	256	455	651	585	326	45	-198	-370	-464	-557
-600	-567	-651	-885	-1077	-1068	-866	-615	-375	-109	162	428	554	467	276	82	-74	-173	-161	-126
-157	-201	-206	-110	66	222	310	406	515	649	788	838	717	494	377	435	494	514	537	568
538	416	233	32	-141	-272	-353	-505	-693	-815	-572	-931	-508	-1020	-1064	-931	-689	-506	-363	-310
-316	-235	-65	180	580	970	1055	956	881	779	646	527	478	506	641	639	435	426	544	667
745	781	732	551	386	292	86	-249	-588	-841	-1038	-1123	-1158	-1225	-1266	-1310	-1369	-1374	-1284	-954
-557	-224	48	349	705	575	1102	1055	886	686	572	573	646	790	932	1014	1035	568	655	735
660	637	608	586	586	560	439	221	63	-37	-138	-250	-410	-577	-734	-953	-1108	-1146	-1107	-1022
-925	-752	-647	-493	-246	61	184	155	128	122	163	238	323	375	438	564	735	897	1008	994
657	704	538	359	131	-42	-143	-156	-49	167	379	529	632	715	833	927	932	859	770	601
331	6	-208	-328	-442	-574	-760	-925	-1001	-1058	-1121	-1154	-1095	-962	-746	-575	-477	-413	-318	-243
-253	-318	-395	-426	-411	-313	-174	-24	174	449	753	976	1059	1081	1102	1148	1187	1177	1125	1040
527	778	593	377	103	-236	-611	-1002	-1243	-1277	-1192	-1112	-1099	-1123	-1149	-1185	-1254	-1331	-1390	-1442
-1436	-1353	-1188	-1021	-883	-760	-571	-327	-71	144	349	540	724	890	1021	1150	1286	1420	1474	1336
1063	748	429	177	27	-40	-142	-303	-479	-663	-824	-941	-1027	-1127	-1288	-1439	-1549	-1633	-1678	-1629
-1503	-1323	-1151	-997	-836	-662	-471	-348	-249	-137	-26	76	186	355	590	846	1087	1181	1215	1224
1227	1239	1252	1212	1114	966	794	677	631	592	551	472	333	148	-34	-201	-356	-501	-593	-696
-800	-878	-921	-915	-881	-786	-635	-432	-201	-1	122	228	337	361	255	306	363	365	410	557
698	818	920	1001	1101	1222	1327	1379	1414	1379	1270	1143	974	772	552	367	187	-24	-202	-286
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IIC052 71.011.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 152 250 E FIRST STREET 8TH FLOOR, LOS ANGELES, CAL. COMP DOWN 34 03 01N, 118 14 26W
 INSTR PERIOD = 0.0460 SEC DAMPING = 0.568 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 62.0 CM/SEC/SEC AT 5.42 SEC VELC = -8.6 CM/SEC AT 4.74 SEC DISP = -5.3 CM AT 5.40 SEC

2614 INSTRUMENT AND BASELINE CORRECTED DATA IN										MM/SEC/SEC										AT EQUALLY-SPACED INTERVALS OF										0.02		SEC	
INITIAL VELC = -1.31088 CM/SEC										INITIAL DISP = -0.91725 CM																							
225	109	82	82	-66	-158	68	136	-163	-181	138	68	-141	-57	-31	-8	138	329	301	190														
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-72	-67	-58	-212	-90	211	234	138	145	244	251	76	-97	-194	-150	-265	-259	-81	118	-139														
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-287	-83	-47	-91	16	278	469	207	-128	14	239	68	-214	10	407	232	-275	-290	95	20														
-213	63	477	366	-56	-110	98	-14	-295	-300	25	144	20	8	201	136	-269	-557	-350	24														
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143	106	-126	-157	44	112	99	81	140	194	125	-5	-134	-142	1	193	238	110	63	101														
86	-66	-184	-113	77	100	14	30	173	248	237	162	136	124	10	-122	-170	-240	-63	63														
-29	-189	-166	-24	-56	-212	-257	-218	-84	-25	-82	-128	-83	-34	-61	-32	59	158	56	-8														
-168	-216	-285	-157	-38	126	264	309	223	146	8	-210	-381	-486	-372	-158	-120	-93	74	198														
125	-104	-187	-119	-113	-216	-246	-135	-128	-264	-364	-258	-146	-91	-41	121	202	56	-4	-1														
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II0053 71.016.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 153 250 E FIRST STREET 17TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0470 SEC CAMPING = 0.554 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 CMP N36E 34 03 01N, 118 14 20W

PEAK VALS ACCLN = -162.5 CM/SEC/SEC AT 5.08 SEC VELC = -45.8 CM/SEC AT 11.32 SEC DISF = 22.4 CM AT 10.30 SEC

INITIAL VELC = -0.63294 CM/SEC INITIAL DISP = -0.66591 CM

2614 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

195	142	106	82	59	36	22	20	14	3	-15	-48	-81	-111	-141	-171	-195	-186	-152	-123
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270	166	63	-14	-95	-197	-311	-423	-558	-699	-831	-934	-955	-884	-775	-635	-517	-416	-328	-251
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557	504	445	386	305	209	121	37	-45	-127	-225	-327	-394	-416	-416	-409	-416	-429	-433	-410
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36	18	50	166	368	515	536	461	357	239	131	39	18	23	20	32	41	28	16	74
183	273	383	490	535	534	529	472	383	292	235	190	188	197	176	134	87	41	12	3
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-781	-707	-607	-493	-404	-323	-242	-147	-2	187	300	464	485	462	406	356	346	395	458	699
850	924	561	899	765	602	442	314	193	79	-33	-145	-337	-470	-506	-478	-433	-378	-315	-266
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262	309	371	442	519	606	682	739	779	802	812	781	739	657	653	609	564	520	476	433
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42	33	24	15	6	4	13	22	29	23	9	-4	-22	-39	-57	-76	-96	-114	-123	-127
-132	-135	-136	-136	-137	-137	-137	-138	-143	-158	-175	-201	-249	-301	-355	-415	-474	-530	-585	-637
-679	-674	-634	-555	-545	-502	-473	-446	-427	-420	-413	-404	-390	-375	-354	-324	-255	-264	-233	-201
-169	-134	-99	-66	-39	-14	6	5	-3	-10	-16	-21	-25	-30	-34	-39	-43	-46	-38	-25
-13	-1	8	13	17	21	30	48	66	83	99	114	129	144	159	173	187	200	207	210
214	220	237	257	277	298	323	350	377	403	431	457	483	506	516	467	446	408	365	332
297	265	238	224	212	203	195	187	173	153	134	117	106	97	87	79	74	72	68	60
43	26	11	1	-5	-11	-17	-22	-26	-30	-34	-39	-44	-49	-54	-59	-63	-66	-68	-70
-73	-77	-83	-88	-93	-98	-105	-113	-121	-129	-137	-146	-159	-174	-188	-204	-226	-251	-276	-301
-324	-347	-369	-384	-396	-409	-417	-423	-427	-429	-424	-419	-413	-405	-390	-373	-355	-335	-308	-281
-254	-225	-196	-166	-141	-124	-109	-94	-80	-67	-55	-42	-28	-10	9	26	33	28	23	20
25	35	45	64	88	109	126	131	136	140	141	140	140	139	137	133	123	102	84	71
59	53	60	65	82	104	126	148	169	189	210	230	247	261	276	290	302	312	323	335
353	374	392	406	419	419	394	367	342	316	290	266	243	221	200	179	160	140	121	101
81	62	48	36	24	7	-11	-29	-44	-56	-68	-80	-90	-58	-106	-105	-99	-95	-95	-98
-100	-55	-89	-77	-65	-65	-61	-58	-56	-57	-59	-62	-66	-70	-75	-82	-91	-101	-114	-127

-142	-158	-176	-194	-213	-232	-252	-273	-303	-336	-367	-392	-415	-439	-463	-474	-463	-444	-419	-381
-339	-361	-263	-229	-195	-168	-146	-126	-107	-95	-84	-63	-40	-25	-10	5	20	34	48	60
73	81	83	82	81	77	75	75	80	82	82	82	82	83	84	90	57	103	101	93
89	89	89	89	89	89	87	77	70	81	89	52	109	129	155	184	210	238	272	303
325	344	361	371	371	373	376	378	370	370	350	330	310	287	261	236	213	191	174	160
144	129	113	58	81	65	52	41	31	19	7	-3	-6	-6	-9	-11	-10	-7	-12	-17
-25	-36	-48	-52	-45	-35	-26	-20	-17	-15	-16	-20	-27	-32	-38	-44	-53	-68	-91	-114
-139	-164	-187	-206	-224	-246	-269	-291	-308	-315	-318	-327	-339	-344	-343	-343	-343	-342	-336	-325
-310	-294	-270	-245	-225	-205	-185	-166	-147	-130	-115	-103	-92	-84	-77	-67	-54	-39	-22	-18
-19	-19	-19	-19	-19	-19	-17	-8	2	6	5	5	1	-5	-12	-11	-8	-2	5	21
36	42	49	61	70	74	80	91	101	105	111	122	133	140	146	158	177	196	212	227
244	261	280	298	309	315	326	337	342	337	330	319	305	296	294	280	255	243	238	232
223	210	194	171	146	123	102	84	68	57	47	39	32	21	4	-13	-25	-41	-41	-50
-59	-69	-81	-91	-94	-93	-91	-88	-86	-86	-86	-86	-88	-90	-93	-96	-101	-105	-105	-112
-117	-124	-135	-146	-155	-164	-178	-198	-221	-225	-227	-251	-274	-283	-287	-258	-308	-316	-312	-303
-289	-269	-253	-241	-233	-229	-224	-217	-206	-194	-180	-168	-162	-155	-141	-125	-105	-87	-77	-67
-46	-31	-27	-18	-9	-1	3	7	13	23	40	56	71	83	92	102	110	113	109	105
102	99	58	58	95	99	99	99	99	100	100	100	100	101	102	107	109	109	110	110
110	110	111	112	120	134	151	169	180	189	198	210	224	236	243	247	250	252	254	256
254	249	243	235	232	232	229	219	205	192	178	157	129	112	95	84	68	51	36	22
6	-11	-26	-28	-25	-36	-56	-74	-85	-90	-95	-97	-98	-104	-110	-105	-97	-97	-97	-97
-97	-94	-91	-91	-94	-97	-98	-98	-98	-99	-105	-117	-126	-131	-135	-148	-156	-166	-182	-191
-193	-195	-195	-193	-186	-191	-205	-216	-219	-218	-218	-220	-226	-231	-234	-233	-231	-226	-221	-214
-202	-188	-177	-166	-156	-147	-136	-123	-110	-102	-98	-91	-81	-67	-56	-51	-43	-28	-15	-9
-1	12	19	18	15	12	9	7	7	15	26	40	57	69	74	70	67	77	78	77
77	77	77	82	96	106	111	121	131	139	145	159	174	174	181	155	205	213	225	240
257	270	281	293	302	303	302	300	292	280	265	252	234	206	193	184	166	149	141	136
124	107	51	76	65	58	50	44	40	40	40	41	41	41	41	41	44	48	47	43
35	21	14	11	4	-6	-22	-42	-57	-65	-72	-80	-85	-87	-88	-57	-107	-113	-116	-123
-138	-152	-163	-167	-168	-171	-174	-174	-173	-174	-180	-154	-213	-231	-241	-251	-264	-272	-271	-263
-252	-242	-231	-205	-180	-175	-165	-154	-146	-139	-135	-134	-131	-120	-110	-106	-100	-93	-86	-83
-81	-78	-71	-62	-51	-40	-38	-37	-25	-10	-5	-6	-6	-7	-6	-1	16	32	39	45
63	76	76	76	77	79	83	85	86	87	87	88	94	102	105	105	106	111	118	126
135	146	160	175	185	191	205	221	225	228	239	251	258	258	256	252	251	251	247	236
225	210	192	173	153	138	132	125	111	95	88	83	78	72	66	58	49	42	35	36
33	29	26	26	26	22	15	9	8	6	0	-6	-11	-14	-22	-37	-48	-52	-57	-61
-66	-70	-74	-81	-94	-101	-104	-116	-130	-138	-141	-143	-144	-149	-156	-162	-171	-192	-214	-223
-231	-235	-235	-242	-255	-267	-279	-284	-268	-245	-238	-236	-227	-210	-152	-178	-171	-161	-143	-126
-113	-105	-97	-51	-85	-78	-59	-37	-26	-17	-9	-5	-4	-1	3	5	17	28	44	53
56	59	62	66	68	69	71	78	82	81	78	79	83	86	91	96	102	108	105	110
113	117	122	128	135	144	150	151	154	158	165	184	196	207						

IIC053 71-016.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 660C PSI
 STATION NO. 153 250 E FIRST STREET 17TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0460 SEC CAMPING = 0.566 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 CGMP N54W 34 03 01N, 118 14 26W

PEAK VALS ACCLN = -159.0 CM/SEC/SEC AT 7.54 SEC VELO = -41.1 CM/SEC AT 8.60 SEC DISP = 20.1 CM AT 7.46 SEC

INITIAL VELC = 2.48074 CM/SEC INITIAL DISP = 1.31266 CM

2613 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-189	-165	-62	-26	13	51	81	100	117	130	139	147	138	116	87	52	9	-39	-86	-132
-161	-163	-165	-180	-262	-383	-472	-551	-616	-667	-686	-657	-606	-537	-411	-291	-182	-58	58	285
472	620	762	897	1014	1114	1196	1148	1015	903	765	581	381	182	10	-131	-265	-384	-495	-588
-676	-743	-756	-836	-861	-852	-774	-675	-554	-445	-351	-284	-222	-170	-175	-157	-138	-57	18	92
175	270	366	446	519	581	589	459	327	238	167	140	187	245	242	141	-30	-216	-385	-503
-558	-541	-454	-384	-328	-284	-255	-226	-138	6	184	428	641	780	783	650	543	376	183	-14
-194	-290	-300	-217	-101	-39	189	337	418	440	349	189	66	-26	-93	-170	-265	-425	-642	-875
-1028	-1079	-1037	-855	-637	-385	-175	-60	-51	-133	-261	-352	-500	-544	-505	-422	-346	-291	-246	-209
-193	-182	-175	-160	-76	99	315	517	667	816	953	1090	1220	1351	1459	1515	1445	1253	1004	742
520	338	187	31	-127	-294	-423	-522	-665	-690	-1101	-1244	-1293	-1251	-1141	-943	-713	-584	-423	-168
89	329	714	922	583	999	944	807	607	393	239	141	105	145	202	278	357	445	535	583
587	539	413	285	126	-51	-197	-272	-361	-468	-591	-740	-935	-1220	-1436	-1523	-1553	-1451	-1235	-881
-487	-210	-46	89	227	394	565	713	838	924	969	973	964	941	930	922	920	521	932	947
557	905	815	728	634	542	455	376	296	224	155	85	5	-93	-193	-294	-357	-502	-615	-724
-806	-858	-879	-841	-739	-615	-492	-372	-245	-103	50	216	367	468	514	546	541	488	405	298
165	-5	-157	-255	-276	-226	-117	34	211	436	733	1059	1325	1411	1447	1367	1240	1073	916	759
618	455	283	111	-60	-282	-611	-560	-1240	-1441	-1519	-1561	-1529	-1435	-1272	-1100	-541	-829	-126	-624
-532	-466	-401	-312	-208	-103	10	119	227	329	422	514	613	702	765	834	893	946	538	803
595	325	28	-274	-486	-626	-700	-713	-718	-718	-747	-653	-1006	-1170	-1348	-1514	-1578	-1590	-1511	-1393
-1264	-1102	-931	-790	-641	-471	-283	-120	32	181	328	461	577	696	828	959	1056	1093	1075	965
825	669	498	326	182	34	-109	-262	-419	-552	-677	-826	-972	-1105	-1190	-1208	-1173	-1121	-1051	-980
-919	-871	-831	-800	-765	-717	-618	-486	-334	-179	-13	157	397	534	642	725	756	865	546	1027
1121	1231	1354	1420	1468	1504	1489	1405	1300	1178	1052	915	762	595	472	358	243	118	-15	-112
-179	-226	-237	-195	-137	-61	14	76	121	140	159	168	155	139	125	112	105	125	168	221
305	393	488	590	725	859	946	989	987	908	791	678	565	473	382	283	165	45	-64	-166
-265	-359	-454	-546	-637	-718	-780	-839	-902	-966	-1005	-975	-933	-881	-821	-765	-713	-663	-612	-560
-505	-453	-405	-360	-316	-274	-234	-201	-158	-208	-213	-217	-213	-175	-115	-51	32	118	210	286
353	403	357	311	156	64	-93	-294	-507	-630	-716	-807	-855	-881	-855	-782	-696	-601	-490	-371
-264	-168	-98	-31	56	160	247	324	403	480	555	612	648	640	604	572	529	493	470	455
442	441	441	443	464	512	556	593	626	644	650	656	643	606	568	514	426	334	242	145
44	-52	-138	-217	-273	-281	-225	-155	-35	104	226	332	438	565	663	700	710	645	572	495
422	371	331	284	225	171	131	98	16	16	-18	-40	-72	-121	-173	-241	-312	-370	-428	-493
-553	-555	-631	-669	-767	-744	-775	-797	-812	-785	-730	-656	-577	-511	-461	-431	-432	-433	-436	-436
-411	-351	-291	-221	-157	-118	-93	-94	-133	-172	-222	-280	-335	-390	-445	-513	-595	-684	-160	-825
-879	-931	-973	-974	-912	-842	-754	-670	-555	-520	-440	-358	-273	-187	-107	-36	33	95	141	165
185	178	141	118	103	90	99	125	159	204	254	321	398	498	605	725	832	886	887	868
826	776	709	645	580	525	479	457	447	435	422	408	406	412	423	438	456	490	556	628
698	766	828	880	913	935	919	884	849	805	757	657	637	575	523	471	429	391	360	335
308	288	275	263	249	228	198	169	138	106	13	36	-9	-55	-105	-168	-231	-276	-313	-353
-388	-421	-454	-482	-484	-472	-461	-443	-426	-408	-391	-380	-374	-371	-374	-380	-389	-410	-434	-459

-489	-518	-545	-573	-607	-655	-704	-759	-817	-868	-909	-945	-966	-928	-870	-758	-727	-671	-622	-583
-548	-517	-487	-452	-410	-366	-321	-272	-221	-174	-139	-110	-80	-51	-22	8	48	91	132	166
186	185	165	151	137	125	111	56	83	75	70	70	78	89	105	132	156	183	210	238
266	253	314	327	342	357	374	391	406	412	413	420	449	496	545	619	709	795	867	902
930	955	568	937	902	852	790	734	684	636	586	536	485	438	355	353	311	269	225	198
172	142	100	53	26	18	10	8	10	12	13	10	-7	-28	-48	-74	-103	-130	-153	-170
-187	-204	-220	-235	-250	-264	-278	-282	-282	-282	-282	-281	-280	-278	-277	-286	-323	-369	-431	-505
-577	-647	-717	-786	-859	-933	-990	-1019	-1020	-968	-908	-830	-755	-704	-665	-624	-600	-585	-574	-565
-555	-544	-529	-512	-495	-475	-448	-420	-391	-352	-306	-259	-206	-152	-103	-84	-60	2	25	46
64	82	102	126	151	175	200	225	244	232	200	181	166	150	135	126	135	152	167	185
207	234	265	302	337	371	404	438	484	541	585	619	652	679	697	716	736	758	781	804
819	822	823	826	837	854	868	871	843	809	771	727	683	635	554	544	489	436	384	335
294	257	219	183	147	111	75	39	3	-30	-55	-79	-103	-129	-154	-177	-188	-196	-204	-211
-218	-223	-216	-192	-171	-157	-147	-137	-141	-160	-178	-157	-218	-240	-261	-284	-308	-332	-356	-382
-409	-437	-465	-502	-544	-585	-632	-687	-744	-788	-812	-834	-841	-816	-790	-766	-748	-729	-715	-703
-690	-679	-678	-692	-701	-708	-714	-656	-626	-551	-483	-416	-350	-285	-221	-163	-116	-72	-27	17
61	103	132	151	171	150	208	224	240	256	271	285	298	312	326	337	335	325	318	309
300	250	280	274	273	273	272	273	282	295	309	332	365	358	430	454	475	457	517	534
551	578	622	667	717	767	817	862	901	927	918	862	794	713	638	571	514	457	406	353
302	252	204	158	121	86	52	21	-9	-38	-63	-88	-107	-117	-126	-136	-146	-161	-178	-194
-210	-219	-225	-232	-241	-257	-275	-291	-292	-286	-281	-267	-248	-232	-225	-221	-220	-232	-245	-266
-293	-325	-355	-386	-418	-452	-485	-519	-557	-600	-644	-654	-755	-807	-830	-847	-862	-855	-827	-802
-773	-728	-671	-616	-555	-496	-446	-405	-363	-334	-313	-292	-271	-250	-230	-209	-188	-164	-134	-103
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286	314	340	363	364	351	341	336	336	335	332	327	323	320	321	323	326	342	372	401
435	470	507	560	625	691	773	841	862	836	786	723	641	590	551	512	479	447	415	384
352	321	291	263	238	216	156	174	148	122	96	70	44	21	4	-12	-26	-36	-44	-53
-65	-80	-55	-110	-126	-142	-155	-162	-169	-175	-177	-169	-161	-153	-148	-147	-145	-144	-152	-177
-204	-238	-284	-330	-378	-432	-486	-537	-586	-634	-676	-705	-732	-754	-767	-758	-731	-704	-673	-640
-608	-577	-548	-520	-489	-454	-416	-379	-342	-307	-272	-236	-201	-166	-132	-106	-89	-72	-61	-64
-68	-69	-68	-63	-54	-45	-35	-21	-4	12	27	39	47	57	66	72	72	72	71	70
68	66	65	72	83	93	107	137	174	209	241	270	301	331	362	393	424	455	488	531
580	627	672	714	743	762	780	772	738	704	665	625	584	541	491	442	393	352	317	282
250	222	195	169	152	136	119	103	87	72	57	42	28	14	1	-11	-24	-34	-43	-51
-59	-61	-61	-61	-61	-52	-62	-62	-60	-57	-57	-70	-96	-120	-147	-176	-204	-226	-247	-268
-281	-274	-265	-257	-250	-243	-239	-243	-250	-262	-293	-329	-369	-414	-455	-506	-552	-590	-623	-643
-616	-570	-521	-461	-402	-341	-284	-241	-208	-189	-200	-209	-212	-212	-210	-203	-196	-188	-177	-152
-122	-54	-70	-55	-39	-24	-10	-2	7	16	23	24	19	17	16	15	15	23	53	88
121	156	190	221	248	265	269	273	278	285	292	301	318	340	360	380	397	411	424	438
451	461	470	480	488	493	498	503	505	490	462	435	420	403	385	368	357	348	339	329
319	307	295	284	269	249	225	202	179	155	131	108	87	68	56	59	63	60	67	62
55	47	29	-9	-49	-83	-114	-145	-176	-205	-241	-267	-282	-297	-310	-319	-326	-334	-341	-342
-342	-342	-342	-347	-361	-378	-397	-426	-456	-483	-507	-516	-495	-476	-464	-452	-439	-427	-415	-409
-410	-410	-408	-402	-395	-389	-382	-375	-365	-353	-341	-329	-318	-309	-300	-291	-281	-271	-258	-240
-224	-207	-190	-174	-157	-140	-123	-104	-75	-41	-9	26	60	53	115	144	169	190	209	228
242	253	262	255	236	232	230	230	238	248	257	266	276	287	300	312	325	336	344	353
361	369	373	370	368	366	372	366	400	413	425	434	443	452	459	460	457	456	453	444
420	393	367	341	314	288	263	238	214	190	166	143	119	96	75	56	38	19	1	-17
-35	-52	-67	-79	-91	-102	-109	-115	-116	-115	-108	-101	-97	-102	-112	-132	-158	-188	-224	-253
-273	-293	-315	-334	-343	-348	-353	-354	-354	-354	-349	-342	-335	-330	-332	-352	-371	-378	-379	-382

[illegible]

-135	-104	-65	-75	-59	-47	-51	-73	-124	-213	-290	-279	-166	-31	82	106	73	30	-8	-48
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IIC054 71.060.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 OCN, 118 23 42W
 STATION NO. 157 445 FIGUEROA STREET, SUB-BASEMENT, LOS ANGELES, CAL. CCMP N52W 34 03 12N, 118 15 24W
 INSTR PERIOD = 0.0570 SEC DAMPING = 0.631 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 147.1 CM/SEC/SEC AT 4.72 SEC VELO = 17.4 CM/SEC AT 7.72 SEC DISP = 11.8 CM AT 8.88 SEC

INITIAL VELC = 1.00433 CM/SEC INITIAL DISP = -0.00021 CM

2864 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS CF 0.02 SEC

44	-33	38	106	88	22	18	40	33	-37	-60	-13	11	24	-15	-60	-43	14	65	58	-16
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-100	-26	36	-28	-100	-62	-9	40	70	25	-6	35	41	35	-45	-83	-225	108	173	128	-63
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285	149	-26	-184	-309	-394	-436	-283	-86	-66	-140	-247	-287	-287	-287	-287	-303	-319	-285	-167	-127
-211	-246	-216	-146	-46	38	41	-7	43	213	250	55	-69	86	262	154	154	-140	-343	-251	-142
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159	65	30	38	-26	-292	-487	-323	-83	-36	-118	-158	-64	125	202	118	-80	-251	-364	-350	-350
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IIIC054 71.060.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 157 445 FIGUERCA STREET, SUB-BASEMENT, LOS ANGELES, CAL. COMP 538M 34 C3 12N, 118 15 24W
INSTR PERIOD = 0.0570 SEC CAMPING = 0.571 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = -117.0	CM/SEC/SEC AT 5.08 SEC	VELC = -17.3	CM/SEC AT 11.40 SEC	DISP = 11.8	CM AT 10.16 SEC														
2865	INSTRUMENT AND BASELINE CORRECTED DATA IN	MM/SEC/SEC	AT EQUALLY-SPACED INTERVALS OF	0.02	SEC															
	INITIAL VELC = 0.14149	CM/SEC	INITIAL DISP = 0.77642	CM																
-17	61	-6	-80	-73	9	-18	13	67	59	-29	19	-16	-62	-72	-14	3	-4	-19	-37	-46
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46	72	62	81	81	108	134	129	101	74	58	33	-44	-151	-215	-146	49	205	155	-51	
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233	304	205	60	11	27	17	96	175	-26	-242	-134	143	155	-60	-155	40	348	415	290	
201	303	531	510	73	-609	-942	-763	-388	-1	35	-174	-278	-208	-65	-16	-138	-326	-337	-211	
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8	-2	-15	-23	-17	-5	-5	-17	-16	-17	-18	-22	-15	-23	-31	-36	-36	-36	-36	-36

[illegible]

IIC054 71.060.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - C600 PSI
 STATION NO. 157 445 FIGUEROA STREET, SUB-BASEMENT, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0540 SEC DAMPING = 0.575 ACCELEROGRAW IS BAND-PASS FILTERED BETWEEN C-070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 116 23 42W
 CCMP DCAN 34 C3 12N, 116 15 24W

PEAK VALS ACN = 51.7 CM/SEC/SEC AT 5.18 SEC VELO = 10.7 CM/SEC AT 8.02 SEC DISF = 5.1 CM AT 9.00 SEC

INITIAL VELC = 1.57409 CM/SEC INITIAL DISF = 0.11927 CM

2865 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

218	-145	-114	117	168	-16	-177	-183	-54	-27	-205	-227	-78	57	141	133	49	33	56	-29
-109	-95	-61	-32	37	45	0	63	169	58	-159	-154	-94	-35	-18	-141	-249	-253	-183	-23
180	275	107	-118	-126	30	263	303	63	-204	-198	-6	54	-102	-306	-342	-159	79	195	77
-15	36	114	136	48	-16	-41	14	59	33	-21	-7	0	-84	-138	-40	29	-30	-61	-128
-104	45	187	170	41	-92	-123	7	47	-78	-133	-177	-252	-188	-131	-111	10	75	32	6
4	-26	-37	-26	-88	-165	-107	48	224	177	-44	-202	-217	-98	17	49	89	112	163	257
290	307	357	360	235	64	-137	-267	-233	-122	63	240	244	177	94	13	-108	-232	-265	-199
-126	-15	47	-51	-75	126	283	263	143	37	-34	-153	-142	53	191	132	33	36	125	154
-39	-221	-99	172	337	245	16	-207	-202	-60	-15	-85	-145	-145	-51	10	122	143	63	95
211	306	314	263	48	-248	-247	-150	-44	134	247	219	127	45	80	133	90	-58	-186	-211
-154	-110	-66	19	58	95	-7	-12	47	21	-69	-206	-275	-52	200	283	286	285	286	281
221	86	2	-64	-132	-175	-198	-185	-220	-266	-222	-141	2	26	-50	-6	95	110	63	33
-35	-105	-123	-104	-131	-158	-158	-138	-34	147	302	316	187	-74	-328	-449	-260	64	350	517
352	122	-26	-125	-208	-307	-403	-408	-270	-103	-181	-132	-14	155	213	165	84	43	35	27
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46	-32	-57	-50	-24	-110	-196	-253	-225	-73	32	45	-22	-161	-243	-166	-137	-184	-131	-2
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105	89	149	235	303	342	245	112	44	-15	-63	-117	-141	-68	136	327	278	181	58	-1
-77	-117	-95	11	149	229	200	187	279	316	234	149	128	175	243	255	158	140	106	139
148	28	-103	-191	-194	-192	-247	-262	-157	-80	-101	-121	-151	-209	-240	-165	-22	98	108	89
89	125	125	40	-57	-86	-137	-212	-252	-260	-236	-185	-138	-95	-94	-114	-142	-148	-15	1
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253	287	271	212	122	72	59	27	-55	-123	-122	-54	10	-5	-71	-136	-166	-155	-81	-5
39	75	108	134	144	122	78	64	99	127	124	116	93	44	22	31	45	51	47	59
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[illegible]

IIC055 71.091.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 158 445 FIGUEROA STREET, 19TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0570 SEC DAMPING = 0.555 ACCELEROGRAH IS BAND-PASS FILTERED BETWEEN C.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 CMP N52W 34 03 12N, 118 15 24W

PEAK VALS ACIN = -195.5 CM/SEC/SEC AT 7.84 SEC VELO = -35.3 CM/SEC AT 10.90 SEC DISP = 22.0 CM AT 9.28 SEC

INITIAL VELC = 0.52947 CM/SEC INITIAL DISP = -0.38446 CM

3045 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

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[illegible]

IIC055 71.091.0

STATION NO. 158

INSTR PERIOD = 0.0580 SEC DAMPING = 0.609

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

445 FIGUEROA STREET, 19TH FLOOR, LOS ANGELES, CAL.

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN C.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W

CCMP S38W 34 03 12N, 118 15 24W

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN C.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -120.8 CM/SEC/SEC AT 5.60 SEC VELC = -35.5 CM/SEC AT 16.64 SEC CISP = -23.4 CM AT 17.70 SEC

INITIAL VELC = -0.01508 CM/SEC INITIAL CISP = 0.25241 CM

3050 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF C.02 SEC

-19	-30	19	67	55	-10	-59	-49	-2	45	55	25	-11	-45	-62	-30	-14	-63	-108	-102
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-87	-41	-35	-69	-156	-291	-443	-512	-424	-215	38	286	450	517	497	417	282	37	-211	-245
-111	21	100	175	262	353	439	529	592	533	286	-124	-460	-598	-617	-564	-456	-275	-52	125
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[illegible]

IIC055 71.091.0
 STATION NO. 158
 INSTR PERIOD = 0.0560 SEC CAMPING = 0.595
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 445 FIGUEROA STREET, 19TH FLOOR, LOS ANGELES, CAL.
 EFFICENTER 34 24 00N, 116 23 42W
 CCMP DCN 34 03 12N, 116 15 24W
 ACCELEFCGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = -108.3	CM/SEC/SEC AT 5.52 SEC	VELC = 10.2	CM/SEC AT 8.10 SEC	DISP = 4.2	CM AT 9.12 SEC													
3053	INSTRUMENT ANC BASELINE CORRECTED DATA IN	MM/SEC/SEC	INITIAL DISP = -0.14756	CM	AT EQUALLY-SPACED INTERVALS OF	0.02 SEC													
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98	-295	-793	-675	-354	201	412	332	307	465	639	674	540	285	17	-282	-547	-731	-130	-580
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5	-4	-10	-13	-4	9	15	12	9	10	13	15	15	13	7	-3	-8	-10	-12	-16
-19	-18	-22	-14	3	10	10	6	-2	-8	-7	-2	1	1	-3	-5	-5	-8	-13	-12
-7	-4	-3	-4	-2	14	31	33	30	28	26	29	32	24	12	1	-7	-10	-10	-10
-9	-7	-4	0	3	4	9	17	23	18	7	2	9	12	9	8	4	2	3	10
18	19	13	15	26	37	41	37	29	21	15	11	8	6	6	8	4	0	-1	2
4	4	0	-3	-7	-10	-11	-13	-19	-26	-31	-16	-22	-12	-17	-29	-31	-24	-21	-18
-21	-26	-27	-24	-24	-28	-33	-36	-34	-27	-20	-31	-15	-14	-13	-12	-7	0	-5	-12
-20	-28	-38	-42	-39	-31	-23	-14	-9	6	9	12	16	15	13	11	9	6	1	-6
-18	-31	-34	-28	-21	-13	-1	-14	14	24	34	37	36	31	25	17	6	-3	-5	-12
-13	-12	-11	-8	-4	2	12	21	18	8	-3	-9	-11	-11	-14	-16	-19	-26	-32	-26
-8	17	31	41	37	27	24	21	15	4	-6	-15	-25	-31	-21	-18	-3	14	28	36
39	37	36	37	34	27	15	-3	-18	-26	-26	-23	-17	-13	-13	-9	0	18	36	40
34	23	16	21	28	28	15	-4	-19	-24	-11	12	26	21	15	14	18	21	22	14
-3	-16	-27	-30	-24	-17	-12	-10	-10	-10	-5	5	11	8	1	-11	-17	-10	-2	-3
-7	-11	-16	-13	-1	6	5	-5	-13	-14	-12	-11	-11	-11	-11	-11	-10	-8	-6	-7
-8	-9	-9	17	-6	3	19	23	13	4	0	7	12	11	6	0	-5	-4	-2	-1
1	5	10	18	19	15	10	7	3	-5	-12	-12	-6	2	10	-9	7	-15	-24	-21
-18	-22	-27	-32	-35	-33	-25	-22	-24	-21	-13	-12	12	5	-5	-9	-4	6	9	8
7	3	0	-3	-4	-4	-2	-5	-11	-14	-9	-1	2	1	0	0	2	4	5	6
14	10	13	13	8	4	4	19	15	10	12	12	10	8	7	9	11	10	8	10
14	15	19	11	5	4	10	19	15	-5	-31	-43	-25	0	2	-2	-3	-1	7	11

7	8	11	12	5	-2	-5	-12	-8	4	8	11	15	19	27	38	37	24	15	10
7	2	0	0	4	7	8	11	24	41	44	29	9	2	13	17	16	11	3	0
0	-4	-8	-6	7	19	28	27	19	10	4	-2	-4	-5	-4	1	9	16	18	10
-7	-18	-11	7	23	22	7	-5	-10	-11	-15	-22	-29	-31	-25	-21	-18	-12	-10	-9
-8	-6	-6	-5	-2	1	1	-3	-6	-8	-9	-6	-5	-5	-4	-4	-2	0	3	5
5	7	9	7	2	-7	-18	-25	-30	-31	-21	-8	-7	-9	-11	-12	-8	-4	-4	-1
-3	-8	-14	-17	-20	-23	-26	-26	-22	-16	-10	-12	-17	-15	-11	-4	5	14	17	12
9	5	1	0	0	-2	-8	-12	-13	-10	-4	7	11	6	2	5	15	23	20	12
9	5	1	-4	-10	-8	1	8	10	7	3	3	7	15	20	13	0	-6	-8	-8
-9	-12	-9	-7	-5	8	18	18	19	23	20	13	3	-12	-21	-17	-8	-3	-2	-2
1	5	8	8	5	12	14	16	15	13	15	16	15	12	10	6	2	-2	-5	-10
-16	-22	-27	-30	-26	-21	-21	-16	-10	-8	-9	-12	-16	-14	-4	2	5	4	-3	-6
1	5	3	-9	-21	-34	-34	-21	-10	-8	-7	-5	-3							

California Institute of Technology
Earthquake Engineering Research Laboratory

The following reports of the Earthquake Engineering Research Laboratory from 1970 on can be obtained from the National Technical Information Service, Springfield, Virginia 22151:

EERL 70-20	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data (Vol. I, Part A)	PB-187 847
EERL 70-21	" " (Vol. I, Part B)	PB-196 823
EERL 71-20	" " (Vol. I, Part C)	PB-204 364
EERL 71-21	" " (Vol. I, Part D)	PB-208 529
EERL 71-22	" " (Vol. I, Part E)	PB-209 749
EERL 71-23	" " (Vol. I, Part F)	PB-210 619
EERL 72-20	" " (Vol. I, Part G)	PB-211 357
EERL 72-21	" " (Vol. I, Part H)	PB-211 781
EERL 72-22	" " (Vol. I, Part I)	PB-213 422
EERL 72-23	" " (Vol. I, Part J)	PB-213 423
EERL 72-24	" " (Vol. I, Part K)	PB-213 424
EERL 71-50	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data: Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves (Vol. II, Part A)	PB-208 283
EERL 72-80	Analyses of Strong Motion Earthquake Accelerograms - Response Spectra (Vol. III, Part A)	PB-212 602
EERL 72-100	Analyses of Strong Motion Earthquake Accelerograms - Fourier Amplitude Spectra (Vol. IV, Part A)	PB-212 603
Joint Report:	Strong-Motion Instrumental Data on the San Fernando Earthquake of February 9, 1971	PB-204 198
EERL 71-01	P. C. Jennings <u>et al</u> , Forced Vibration of a 22-Story Steel Frame Building	PB-205 161
EERL 71-02	P. C. Jennings, ed., Engineering Features of the San Fernando Earthquake	PB-202 550
EERL 71-03	Randolph A. Adu, Response and Failure of Structures under Stationary Random Excitation	PB-205 304
EERL 71-04	Jacobo Bielak, Earthquake Response of Building-Foundation Systems	PB-205 305
EERL 71-05	M. D. Trifunac, F. E. Udawadia, A. G. Brady, High Frequency Errors and Instrument Corrections of Strong-Motion Accelerograms	PB-205 369

EERL 71-06	Knut Sverre Skattum, Dynamic Analysis of Coupled Shear Walls and Sandwich Beams	PB-205 267
EERL 71-07	John Brent Hoerner, Modal Coupling and Earthquake Response of Tall Buildings	PB-207 635
EERL 72-01	P. C. Jennings and J. Bielak, Dynamics of Building-Soil Interaction	PB-209 666
EERL 72-02	F. E. Udawadia, Investigation of Earthquake and Microtremor Ground Motions	PB-212 853
DRC 72-01	Albert W. Whitney, On Insurance Settlements Incident to the 1906 San Francisco Fire	PB-213 256

ERRATA

While this report was in the process of printing, it was learned that the reported directions of the horizontal components for the Pacoima Dam accelerograph were in error. The recently revised list in "Strong-Motion Station Instrumental Data," Seismological Field Survey, NOAA-ERL-ESL, June 30, 1972, indicates the actual directions as S14W and N76W instead of S16E and S74W, respectively.

Consequently, the component directions for records IC041 through IC047, listed in Volume I, Part C, Report No. EERL 71-20 and correspondingly in this Volume II, Part C, Report No. EERL 72-51 for the Pacoima Dam record and its aftershocks, should be changed as follows.

The component S16E should read S14W on the following pages of IC: 3, 6-9, 11, 33, 41, 50, 63, 72, 79, 255-258; and the following pages of IIC: 4, 8, 9, 13, 16, 19, 22, 25, 28, 54, 64, 68, 74, 79, 83, 89.

The component S74W should read N76W on the following pages of IC: 3, 6-9, 18, 31, 39, 47, 61, 69, 77, 255-258; and the following pages of IIC: 4, 8, 10, 12, 15, 18, 21, 24, 27, 57, 63, 66, 72, 78, 81, 87.